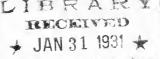
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# NEWPORT, MINNESOTA Five Oaks Farm ARTHUR C. KOERNER



SEASON 1931

### Gladiolus Seed and Bulbs

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Complete cultural instructions with each order.

All orders delivered prepaid.

Cash with order. No orders accepted for less than \$1.00.

No gladiolus seed for sale after April first. No seedling bulbs for sale after May first.

While we offer no warranty, expressed or implied, on any of our seeds or bulbs (as is the usual custom of the seed and nursery trade) we are nevertheless anxious that every purchaser of our seed or bulbs shall receive entire satisfaction. It will be to the direct advantage of every purchaser of our goods to write and tell us what results were obtained. We are not doing this for any advertising purposes but simply to protect our customers.

ARTHUR C. KOERNER
Gladiolus Seed and Bulb Grower
FIVE OAKS FARM, NEWPORT, MINNESOTA

### SOUTH AFRICAN SUMMER AND WINTER FLOWERING GLADIOLUS SPECIES SEED

AFRICA—the very mention of the name conjures up visions of stupendous things, mysterious things, wonderful things. Roving herds of elephants, lions, giraffes, zebras, and in the darkness of unending forests huge reptiles. BIG THINGS—deserts, rivers, waterfalls, plains, mountains, solitude. Diamonds, gold. Vegetation of every description, exotic things, beautiful things. No wonder God created the gladiolus and placed it there amid such surroundings. Down through the ages to this very day it is growing wild there, new species are still being discovered. Last year we were able to offer a new one and we hope soon to be able to offer another new discovery, one with 12 to 16 blossoms open at a time.

The gladiolus family offers summer, winter and early spring flowering species. A number of the summer flowering species have been developed and we have the wonderful gladiolus of today with the many possibilities of the

summer flowering species by no means fully developed or exhausted. The same crosses attempted and developed today would produce far more remarkable results than were produced by the early hybridizers who had to work

with hybrids in no way comparable with our own.

The winter and early spring flowering species have received very little if any attention at all. The only true winter flowering gladiolus that we know anything about are the "Baby Glads" and these are to be had today in just about the same sizes and colors as when first originated about 108 years ago. At that time the summer flowering gladiolus was just as small and as insignificant as the "Baby Glads" or Colvillei group, and certainly what has been accomplished with the summer flowering gladiolus can also be accomplished with the winter flowering gladiolus. This development which is already producing some remarkable results here and abroad is the most profitable that can be undertaken with the gladiolus at the present time.

Our vast greenhouse industry has changed the seasonal flowering habit of many plants, we can have almost any plant in the dead of winter and grown to a greater perfection than would be possible in the natural flowering season. The popularity of the gladiolus is such, its usefulness to the commercial florist is such that there is a great need and demand for the gladiolus in the winter time. The solution of the problem is very simple, the genus supplies summer, winter and early spring flowering species and instead of wasting time trying to change the seasonal flowering habit of the summer flowering gladiolus, which so far certainly has not been accomplished with any degree of assured success and profit, we might more profitably work along scientific principals of plant propagation observing some of the underlying laws of nature necessary for success, and devote our attention to the development of the species that are natural true winter and early spring flowering, besides many of these possess the added attraction of fragrance and other characteristics entirely unknown in the summer flowering gladiolus.

A wise South African Government has placed the native wild gladiolus under "The Protective Act" and bulbs may not be placed in commerce there. The seed comes true, and it is only in this form that we may secure the species at all. Practically all of the species offered here have been verified at

the herbarium of the National Botanic Gardens at Kirstenbosch.

It has never been an easy matter to obtain this seed and we have spent a great deal of time, effort and money to establish contacts in South Africa with reliable persons who were interested enough to make it possible to offer this seed for general distribution. We have felt right along, considering the wide spread hybridization the gladiolus is receiving that the gladiolus species would be used more freely if more easily available and so far we haven't been able to supply the demand.

The descriptions given, are by the persons supplying this species seed. We assume no responsibility whatsoever with this seed. We have taken every precaution, we have done all that possibly could be done, we have bent every effort to obtain varieties that are true to name and exactly as represented, we do not offer this seed under any other conditions or with any

other understanding expressed or implied.

Stock is limited. Orders are filled in order of receipt. Money will be

promptly returned when we cannot fill an order.

G. alatus, or Kalkoenje, Brick red with green or yellow on lower segments, large flowers, stems 6 to 16 inches, A Cape species, grows in wet winter and flowers in late spring (September) Sweetly scented. 25 Seeds \$1.00

G. angustus, "Painted Lady" Very light coloring with long perianth tube, Very much branched, flowers in early summer (October). 25 Seeds \$1.00

G. angustus (var) Taller and stronger than the type, very much branched. 25 Seeds \$1.00

G. blandus, "The Fairest Gladiolus" Pink, 1½ feet high, 15 to 20 blooms. Often branched, flowers early summer (October). 25 Seeds \$1.00

G. brevifolius, Small flowers, very dainty, flowers sometimes blue and sometimes pink, flowers without any leaves at the end of the hot dry summer 25 Seeds \$1.00 (March-April) Produces leaves and new corms later.

G. callistus, Pale pink or white with deeper throat markings 31/2 feet high, flowers well spaced on stem, lower petal enlarged like an inverted primulinus. A very good one that should produce something out of the ordinary in shape

or form. It is excellent for cutting, just as it is. Flowers early summer (October-November). 25 Seeds \$1.00

G. carmineus. Very intense carmine color, large flowers on short stems, the long leaves come later, grows quite close to the sea on sandy soil but adapts itself to garden conditions. Flowers in autumn (April). 25 Seeds \$1.00

G. cuspidatus, Yellow with carmine throat markings, 1 foot high, segments narrow and very waved or ruffled, a mountain species, flowers in summer (November). 25 Seeds \$1.00

G. gracilis, Small Blue Afrikander. This is a small, very dainty blue flower marked with yellow on the lower lip, 1 to 2 feet high. A very light, airy flower, one of the most beautiful. The earliest to bloom in the spring on the dry Cape hillsides (August). This will be very popular just as it is for greenhouse culture once it becomes known. 25 Seeds \$1.00

G. crassifolius, Deep pink, clump like masses of foliage with many spikes, flowers autumn. 25 Seeds \$1.00

G. debilis, White, beautifully marked with deep carmine, 11/2 to 2 feet high, thin wiry stems, flowers late spring. 25 Seeds \$1.00

G. grandis, The large Afrikander, reddish brown or bronze mottled with yellow, petals pointed and waved, very sweetly scented in the evening, a great deal like G. tristis only larger, flowers mid summer. 25 Seeds \$1.00

G. hirsutus, Large deep pink marked with white stripes, 3 feet high, flowers early spring (August). Very fragrant. 25 Seeds \$1.00

G. Leichtlini, Graceful flowers of orange and red, stems 4 feet high. A native of Transvaal where it gets a cold dry winter and plenty of rain in the very hot summer, but is very adaptable. Flowers in late summer (January) but at the Cape it flowers in spring. 25 Seeds \$1.00

G. maculatus, Yellow-brown with brown spots, the most sweetly scented

of all species. It is like a dainty edition of G. odoratus, flowers winter.

25 Seeds \$1.00

- G. odoratus. The increasing interest and use of the species for hybridization purposes here and abroad is stimulating exploration and search for new species in South Africa. Last year we had the honor and good fortune to be able to introduce to this side of the world a new gladiolus species G. odoratus. Another very important new gladiolus species has just recently been discovered, we will offer seed of this just as soon as it is available. G. odoratus is an important discovery, it is a splendid pollen and seed parent, its flowering period is in the late fall and winter, April-June. It is so named because of its wonderful fragrance, unlike other fragrant species which give off their fragrance by night only, this one is fragrant by day and night. The color is a rich velvety dark maroon marked with gold and brown, the spike is 2 to 3 feet high with 6 to 16 large blooms. The discoverer from whom we are getting the seed has sent us a good supply and we are glad to be able to reduce the price of this species this year. 50 Seeds \$5.00 25 Seeds \$3.00
- G. orchidiflorus, Its name describes it exactly. It is allied to G. alatus and resembles it in shape of its flower, but the color is just that of an orchid, creamy background shaded into soft brown and purple. The long upper segment is curved completely over. It is very sweetly scented, a lovely thing just as it is for greenhouse culture. Flowers in spring (August-September). Rare and not much seed available. 25 Seeds \$3.00

G. psittacinus, Deep red, lightly flecked with red brown, 2 feet high, 25 Seeds \$1.00

flowers in spring (August-September).

G. primulinus, Small lovely pure primrose yellow, 1½ feet high.

25 Seeds \$.50

G. recurvus, "The Blue Afrikander," Large blue flowers. Flowers sometimes shaded yellow. Flowers very early in the spring (August). Very sweetly 25 Seeds \$1.00 scented.

G. tristis, "The Avondblom" Pale yellow mottled with brown, very thin stem and leaves, 4 to 6 feet high, 10 to 20 flowers, very sweetly scented in the evening. It likes moisture. Flowers midsummer or later (January).

25 Seeds \$1.00

G. villosus, Pink, 1 to 2 feet high, very graceful and pretty, flowers 25 Seeds \$1.00 spring.

#### CROSSES WITH SPECIES

\$1.00 per Seed

Aquila (K) Deep Cream, Laciniated on

G. dracocephalus, Greenish Yellow with Fine Purple Lines

Comet (K) Deep Golden Yellow, Laciniated on

G. dracocephalus

G. psittacinus, Deep Red, Flecked with Red Brown on

G. dracocephalus

G. dracocephalus on

Serrata (Bill) Cream, Lilac Pink, Laciniated

Coryphee (Pfitzer) Large Pink, White Throat, on

G. psittacinus, Deep Red Flecked with Red Brown

Dainty Queen (McK) Shell Pink, Laciniated, on

G. psittacinus

Horace (Vilmorin) Large Scarlet, on

G. psittacinus

James Wm. Kelway (Kelway) Deep Self Crimson, on

G. psittacinus

Mother Machree (Stevens) Sensational Smoky, on

G. psittacinus

G. psittacinus, on

Aquila (K) Deep Cream, laciniated

G. psittacinus, on

Bronze Beauty (Gage) Just what its name implies

G. psittacinus, on

Ladybird (Paton) Deep Pink, Many Open

G. psittacinus, on

Marnia (Kemp) Grenadine Orange

G. psittacinus, on

Radiant Orange (Austin) Clear Apricot Orange

G. psittacinus, on

Serrata (Bill) Cream, Lilac Pink, Laciniated

G. psittacinus, on

Pyrean (K) Soft Canary Yellow, Laciniated Aquila (K) Deep Cream, Laciniated, on

G. Saundersii, Red, White Throat, Lily like Shape

Dainty Queen (McK) Shell Pink, Laciniated, on

G. Saundersii

Fiambriatus (K) Deep Cream, Laciniated, on

G. Saundersii

G. Saundersii, on

Aquila (K) Deep Cream, Laciniated

G. Saundersii, on

Comet (K) Deep Golden Yellow, Laciniated

G. Saundersii, on

Honeydew (Decorah) Orange Yellow, Laciniated

G. Saundersii, on

Impresario (K) Light Clear Lemon Yellow, Laciniated

G. Saundersii, on Interlude (K) Light Yellow, Laciniated

G. Saundersii, on

The Orchid (Sprague) Lavender Pink, Laciniated \$1.00 per Seed

### SOUTH AFRICAN SPECIES BULBS

G. dracocephalus, Greenish yellow with purple lines, a strong grower, 5 feet high. Attracts a great deal of attention because of its peculiarly shaped and hooded blooms. It imparts its hooded characteristic to its seedlings.

Each \$.25 G. primulinus. Another member of the G. dracocephali family. Pure primrose yellow. A splendid grower. Those who like small glads should grow this

just as it is, it is as dainty as can be, the stems are thin and graceful and with a few Baron J. Hulot it makes a wonderful table decoration. Each \$.20

G. quartinianus, Red and yellow throat, 51/2 feet high, the leaves are almost as tall, very late flowering. We like to plant it in pots here in Minnesota and then take it indoors when frost puts an end to out of door flowers.

Each \$.25 G. psittacinus, Deep Red Flecked with Red Brown. ..... Each \$5.00

G. Saundersii, Red, White Throat, Lily like Shape ......Each 10.00

### PEDIGREED HAND POLLINATED GLADIOLUS SEED OF 1930 CROSSES

The gladiolus is one of the most wonderful of all flowers. It is the florists flower par excellence, it is the back yard gardeners flower and it is he who usually exhibits the most perfectly grown spikes in our gladiolus shows. It is one of the easiest of all flowers to hybridize and the scientific plant breeder, the amateur, the back yard gardener all may do it with success.

If left to bloom out in the garden it will usually set seed by itself and gladiolus seed is as easily grown as any other seed and will produce gladiolus of new colors, shapes and forms. Seed thus produced or where its own pollen is applied upon itself, is known as self pollinated seed and with it there can be no indication of what the results will be. Where one variety is crossed upon another, seed thus produced is known as hand pollinated seed and with this there is a definite sense of direction and almost any desired results may be attained, growing either self or hand pollinated gladiolus seed into bulbs the first year and these into bloom the second, is the highest possible pleasure to be had with the gladiolus and the reason the gladiolus has become so popular and will always remain popular is that the average person can accomplish so much with it and that remarkable results do occur even from crosses of almost unimaginable combinations of varieties and made under conditions that wouldn't be attempted or tolerated in any other line of animal or plant breeding. Where the gladiolus enthusiast is doing this himself with no responsibility insofar as his relations with others are concerned, if he gets results, the means to an end will justify anything he may do.

Gladiolus seed production is our business. We are not interested in the sale and distribution of named varieties. We do not grow bulbs for the wholesale or retail trade; what bulbs we do offer are surplus stock.

Our collection of standard, rare and new named varieties from originators from all over the world is one of the largest and best balanced to be found anywhere. This enables us to make any cross we wish without the weakening effects of inbreeding which always takes places where varieties of one originator or location, environment, strain or type are used exclusively.

The production of pedigreed, guaranteed, true, hand pollinated gladiolus seed is exacting work and requires the most painstaking attention to seemingly small details. We grow all the varieties we wish to cross, in insect, moisture, and wind proof cloth covered enclosures. Out in the open field, even with the greatest of care, there is always the possibility of weather conditions or of some foreign influence interfering with or preventing a true cross. Other matters of prime importance must be considered: what size, age and condition of bulbs to use, what cultural methods must be employed to get the maximum plant and flower development, timing the varieties and the cross, the gathering and curing of the seed. All these things are of the utmost importance if plump, full of life, true to cross seed is to be produced. The plants grown in these enclosures are always more robust and vigorous, the flowers always more perfect in color, size and texture than the same varieties grown out in the open field, varieties that will self pollinate heavily out in the open field are barren when grown in these enclosures. Only one person makes the crosses in these enclosures, no visitors are allowed in these enclosures during the crossing season, thus we are certain that the seed produced under these conditions is as good and as true as can possibly be produced.

We stand back of this seed. It would be presumptuous to claim or even

to intimate that just because this seed is hand pollinated and really true to the cross, that it will produce remarkable results or world wonders; we make no such extravagant statements and that is why we say we stand back of our hand pollinated gladiolus seed. We protect our patrons on our hand pollinated seed and it will be to the direct advantage of every purchaser of this seed to let us know what results are obtained. The names and descriptions of the parent varieties indicate the possibilities of each cross, the aforementioned facts of seed production, the cost of the varieties crossed and the possible results of such crosses are the factors that determine the cost of the seed. We do not have, nor do we offer any hand pollinated gladiolus seed in mixtures.

We wish to call especial attention to our laciniated crosses. This type of gladiolus is receiving a great deal of attention at the present time, and rightfully so. It is a real florist type of flower: the stems are thin, wiry and pliable, the spike is graceful, the frilley, finely edged flowers are ideal for make-up work with other flowers and for fine decorative effects, it is a bud vase type of flower and fills a place so far unoccupied by the gladiolus. The range of color is as yet extremely limited, size is lacking, an undesirable hooded effect should be eliminated. Its development offers opportunity without the keen competition in the other types.

It is understood, that all originator's credit, rights and claims on any outstanding specimens produced from our gladiolus seed and unbloomed seedling buibs, pass on automatically to the purchaser of this seed and bulbs. We reserve no claim whatsoever on any outstanding specimens. The purchaser secures all these rights, the right to name, disposition of same, by

the purchase of the seed and bulbs.

Stock is limited. Orders are filled in order of receipt. Money will be promptly returned when we cannot fill an order. Please order by number and name.

		25 Seeds
30C2	Adair (K) Canary Yellow, Laciniated, on Austinette (Austin) Miniature, Pink, Laciniated	
30C3	Adair, on Fluffy Ruffles (Brown) Chalcedony Yellow, Laciniated	6.00
30C4	Adair, on Golden Frills (K) Yellow Prim., Ruffled	2.00
30C5	Adair, on Laciniated, Seedling, Light Pink, Laciniated	6.00
30 <sup>C</sup> 8	Aida (Pfitzer) Dark Blue, on Berty Snow (Mair) Soft Lilac Pink	6.00
30C9	Aida, on Damascus (Stevens) Argyle Purple	6.00
30C11	Aida, on Lilac Wonder (Hol) Light Lavender	8.00
30C12	Aida, on Viola (Hol) White with Blue Purple Blotch	25.00
30C15 30C19	Alt Wien (Pfitzer) Light Blue, on  Daintiness (Errey) Mauve with Violet Blotch  Amethyst (Errey) Lilac Rose, on	10.00
30C20	Loella (K) Smoky Old Rose	4.00
30C21	Rose Tint (Neeley) Light Pink Tinted Rose	3.00
30C24	The Flirt (Austin) Maroon Red	3.00
30C25	Angels Dream (Ellis) La France Pink, on Miss Joy (Farns) Large Pink Angels Dream, on	5.00
30C30	Lady White (Umpleby) Creamy White	5.00
30C31	Copper Bronze (K) Coppery Bronze	2.00
	Pfitzer's Yellow Wonder, Big Pure Yellow	6.00

		25 Seeds
30C33	Aquila (K) Deep Cream, Laciniated, on	
50.094	Bridal Veil (Austin) Creamy White, Ruffled	6.00
30C34	Aquila, on Honeydew (Decorah) Orange Yellow, Laciniated	6.00
30C35	Aquila, on	0.00
	Lacinatus (K) Rose Pink, Laciniated	6.00
$30\mathrm{C}36$	Aquila, on Pierrot (Fischer) Pure Pink	4.00
30C39	Ave Maria (Pfitzer) Light Blue, on	4.00
	Viola (Hol) White with Blue Purple Blotch	10.00
30C41	Badenia (Hol) Large Blue (Still the best of its color), on	
30C42	Charles Dickens (Pfitzer) Bright Radiant Purple	5.00
00012	Daintiness (Errey) Mauve with Violet Blotch	15.00
30C43	Badenia, on	
30C44	Emile Aubrun (Lemoine) Slate Salmon	8.00
30044	Heavenly Blue (Pfitzer) Aniline Blue	6.00
30C46	Badenia, on	
20010	Kirchoff's New Violet, Rich Violet	6.00
30C48	Badenia, on Veilchenblau (Pfitzer) Fine Blue	6.00
30C49	Badenia, on	
20.054	Viola (Hol) White with Blue Purple Blotch	15.00
30C54	Fay Lamphier (Williams) Coral Cerise	4.00
30C57	Berty Snow, on	4.00
	Pfitzer's Yellow Wonder, Big Pure Yellow	6.00
30C59	Bridal Veil (Austin) Creamy White, Ruffled, on Chalice Flower (K) Creamy Blush White, Ruffled	6.00
30C60	Bridal Veil, on	0.05
	Dainty Queen (McK) Shell Pink, Laciniated	6.00
30C62	Bridal Veil, on	c 00
30C64	Sulphur Frills (K) Soft Sulphur, Ruffled	6.00
00001	Oraflame (Kemp) Flame Orange	4.00
30C65	Burnt Wood, on	
30C72	Rose Tint (Neeley) Light Pink Tinted Rose	3.00
00012	Austinette (Austin) Miniature, Pink, Laciniated	6.00
30C74	Copper Bronze (K) Coppery Bronze, on	
30C76	The Emir (Petty) Bronze	4.00
50010	Carolus Clusius (Velthuys) Light Pink	4.00
30C77	Cream Beauty (Paton) Creamy White, on	
30C83	Dorine (Kemp) Salmon Buff  Daintiness (Errey) Mauve with Violet Blotch, on	2.00
30000	Viola (Hol) White with Blue Purple Blotch	25.00
30C84	Dainty Queen (McK) Shell Pink, Laciniated, on	
20000	Aquila (K) Deep Cream, Laciniated	6.00
30C86	Dainty Queen, on Comet (K) Deep Golden Yellow, Laciniated	6.00
30C87	Dainty Queen, on	
20000	Fluffy Ruffles (Brown) Chalcedony Yellow, Laciniated	6.00
30C88	Dainty Queen, on Impresario (K) Clear Lemon Yellow, Laciniated	6.00
30C $90$	Dainty Queen, on	
20,000	Laciniated, Seedling, Light Pink, Laciniated	6.00
30 <b>C</b> 92	Dainty Queen, on Serrata (Bill) Lilac Pink, Laciniated	6.00
30C93	Dainty Queen, on	00
	The Orchid (Sprague) Lavender Pink Laciniated	6.00

		25
30C94	Damascus (Stevens) Argyle Purple, on	Seeds
30C95	Lavender Bride (Bride) Grayish Lavender	4.00
	Oneta (Kemp) Xanthine Orange	2.00
30C98	Dorine, on Toloa (Gage) Yellow Overlaid Grenadine Pink	3.00
30C99	Doro (Burbank) Large Pink, on Helen Phipps (P) La France Pink	5.00
30C100	Doro, on	6.00
30C102	Loyalty (Austin) Large Fine Yellow	6.00
30C103	Drama (Pfitzer) Dark Violet Purple, on Mohamet (Stevens) Black Red	
30C105	Dr. Moody (Kinyon) Big Lavender, on Berty Snow (Mair) Soft Lilac Pink	
30C106	Dr. Moody, on	
30C109	Chalice Flower (K) Creamy Blush White, Ruffled	
30C111	Wm. G. Badger (Metz) Coral Pink	
	The Flirt (Austin) Maroon Red  Etenderd (Lemoine) White, Red Blotch, on	
	Mrs. Anne Krettner (Umpleby) Creamy White	2.00
	Angels Dream (Ellis) La France Pink	5.00
	Juniata (Kemp) Pure La France Pink	4.00
	Fay Lamphier, on Osalin (Salbach) Coral Pink	4.00
	Fay Lamphier, on Wm. G. Badger (Metz) Coral Pink	4.00
	Fiambriatus (K) Deep Cream, Laciniated, on Dainty Queen (McK) Shell Pink, Laciniated	6.00
30C124	Fiambriatus, on Serrata (Bill) Lilac Pink, Laciniated	6.00
30C125	Fluffy Ruffles (Brown) Chalcedony Yellow, Laciniated, on Adair (K) Canary Yellow, Laciniated	6.00
30C127	Fluffy Ruffles, on Impresario (K) Clear Lemon Yellow, Laciniated	
30C129	Fluffy Ruffles, on 3054 Seedling, White, Deckle Edge	
$30\mathrm{C}130$	Frank J. McCoy (Briggs) Fine Large Pink, on Miss Joy (Farns) Large Pink	
30C132	Geo. Vitts (Rugowski) Double, Pink, on	
30C133	Mother Machree (Stevens) Sensational Smoky	25.00
30C134	Gertrude Errey, on	
30C135	King Pearl (Errey) White with Cream Blotch	
S0C136	Mme. Eugene Decisy (Gage) Large Congo Pink	
30C137	Osalin (Salbach) Coral Pink	
	Pierrot (Fischer) Pure Pink	4.00
	Wm. G. Badger (Metz) Coral Pink	5.00
	Gold Eagle (Austin) Early Clear Yellow, on Pfitzer's Yellow Wonder, Big Pure Yellow	10.00
30C140	Gold Eagle, on	4.00

		25
900141		$\mathbf{Seeds}$
30C141	Golden Dream (Gr) Tall Deep Yellow, on Loyalty (Austin) Large Fine Yellow	15.00
30C142	Golden Frills (K) Vellow Prim Ruffled on	15.00
300142	Golden Frills (K) Yellow Prim, Ruffled, on Yellow Butterfly (Baldwin) Pure Yellow	4.00
30C146	Heavenly Blue (Pfitzer) Aniline Blue, on	1.05
000110	Berty Snow (Mair) Soft Lilac Pink	8.00
30C147	Heavenly Blue, on	0.00
	Daintiness (Errey) Mauve with Violet Blotch	20.00
30C148	Heavenly Blue, on	
	Lavender Bride (Bride) Grayish Lavender	8.00
30C149	Heavenly Blue, on	
	Metz (Vilmorin) Violet Purple	8.00
30C150	Heavenly Blue, on	
	Viola (Hol) White with Blue Purple Blotch	20.00
30C151	Helen Phipps (P) La France Pink, on	
	Pearl of California (Kingsley) La France Pink	4.00
30C154	Honeydew (Decorah) Orange Yellow, Laciniated, on	
	Comet (K) Deep Golden Yellow, Laciniated	6.00
30C155	Honeydew, on	
000150	Interlude (K) Light Yellow, Laciniated	6.00
30C156	Honeydew, on	
200150	Lacinatus (K) Rose Pink, Laciniated	6.00
20C199	Horace (Vilmorin) Large Scarlet, on King George V (Mair) Dark Crimson, White Blotch	8.00
200160	Horace, on	0.00
300100	Orange Smoke (Stevens) Bittersweet Orange	8.00
30C162	Horace, on	0.00
000102	Toloa (Gage) Yellow Overlaid Grenadine Pink	10.00
30C163	Horace, on	10.00
000200	Wm. G. Badger (Metz) Coral Pink	8.00
30C166	Wm. G. Badger (Metz) Coral Pink Impresario (K) Clear Lemon Yellow, Laciniated, on	
	Fluffy Ruffles (Brown) Chalcedony Yellow, Laciniated	6.00
30C169	Impresario, on	
	Serrata (Bill) Lilac Pink, Laciniated	6.00
30C171	Impresario, on	
	The Orchid (Sprague) Lavender Pink, Laciniated	6.00
30C172	Impresario, Oli	
	White Orchid (Bill) Fine White, Ruffled	8.00
30C176	J. Elton Carter (Goodrich) Fine Coral Red, on	
900177	Doro (Burbank) Large Pink	5.00
300177	J. Elton Carter, on The Flirt (Austin) Maroon Red	4.00
200179	James Wm. Kelway (Kelway) Deep Self Crimson, on	4.00
900119	J. Elton Carter (Goodrich) Fine Coral Red	5.00
20C181	James Wm. Kelway, on	5.00
000101	Dr. Nelson Shook (K) Deep Tyrian Rose, Ruffled	4.00
30C183	Jubilee (Kemp) Large Vinacious Lavender, on	1.00
	Doro (Burbank) Large Pink	15.00
30C185	Juniata (Kemp) Pure La France Pink, on	
	Angels Dream (Ellis) La France Pink	8.00
30C188	Kelway's Masterpiece, Ruby Crimson, on The Flirt (Austin) Maroon Red	
	The Flirt (Austin) Maroon Red	4.00
30C191	King George V (Mair) Dark Crimson, White Blotch, on	
	Mohamet (Stevens) Black Red	6.00
30C194	Krimhilde (Pfitzer) Large Lilac Pink, on	
000105	Osalin (Salbach) Coral Pink	5.00
30C197	Lacinatus (K) Rose Pink, Laciniated, on Adair (K) Canary Yellow, Laciniated	6.00
000000		6.00
30C199	Lacinatus, on	0.05
	Honeydew (Decorah) Orange Yellow, Laciniated	6.00
30C200	Lacinatus, on	
	Laciniated, Seedling, Light Pink, Laciniated	6.00

		Seeds
30C201	Lacinatus, on	
900909	Marion Koch (Austin) Deep Pink, Needlepoint Type	5.00
300202	Laciniated, Seedling, Light Pink, Laciniated, on Aquila (K) Deep Cream, Laciniated	6.00
30C203	Laciniated, on	
	Comet (K) Deep Golden Yellow, Laciniated	6.00
30C205	Laciniated, on Honeydew (Decorah) Orange Yellow, Laciniated	6.00
30C206	Laciniated, on	6.00
0.00200	Impresario (K) Clear Lemon Yellow, Laciniated	6.00
30C208	Laciniated, on	
110000	Marion Koch (Austin) Deep Pink, Needle Point Type	5.00
300211	La Couronne (Lemoine) Cream, Red Blotch, on Mrs. Anne Krettner (Umpleby) Creamy White	2.00
30C213	Ladybird (Paton) Deep Pink, Many Open, on	2.00
	King George V (Mair) Dark Crimson, White Blotch	4.00
30C214	Ladybird, on	
200216	Oraflame (Kemp) Flame Orange	4.00
300210	Lady White (Umpleby) Creamy White, on Cream Beauty (Paton) Creamy White	2.00
30C218	Lady White, on	
	Miss Universe (K) Bright Red, Tyrian Rose	3.00
30C221	Lady Vanhorn (Gr) Large Lavender, on	4.00
30C 223	Juniata (Kemp) Pure La France Pink La Paloma (Duis) Bright Vivid Orange, on	4.00
300223	Marnia (Kemp) Grenadine Orange	5.00
30C224	Lavender Bride (Bride) Grevish Lavender, on	
	Aida (Pfitzer) Dark Blue	10.00
50C226	Lavender Bride, on The Emir (Petty) Bronze	5.00
30C227	Le Habitant (Cousins) Chamois Smoky, on	5.00
000221	Roi Albert (Lemoine) Coppery Salmon	4.00
30C228	Loella (K) Smoky Old Rose, on	
600000	Toloa (Gage) Yellow Overlaid Grenadine Pink	5.00
30C229	Lois Marie (N. Z.) White, Lavender Pink, on	8.00
30C230	Loyalty (Austin) Large Fine Yellow Loyalty (Austin) Large Fine Yellow, on	0.00
	Norma Talmadge (Decorah) Clear Sulphur Yellow	10.00
30C231	Loyalty, on	4E 00
30C333	Pfitzer's Yellow Wonder, Fine Big Pure Yellow	15.00
300232	Mme. Eugene Decisy (Gage) Large Congo Pink, on Angels Dream (Ellis) La France Pink	8.00
30C233	Mme. Eugene Decisy, on	
00001	Frilled Felicity (Kir) Shrimp Pink, Frilled	5.00
30C234	Mme. Eugene Decisy, on Miss Joy (Farns) Large Pink	8.00
30C235	Mme. Eugene Decisy, on	0.00
	Tritomia (Stevens) Soft Flesh Pink	8.00
30C236	Mohamet (Stevens) Black Red, on	
2002940	Damascus (Stevens) Argyle Purple	4.00
300240	President Harding (White) Soft American Beauty	3.00
30C241	Marioland, on	
	Zoe (D) Dark Purple	4.00
30C243	Marion Koch (Austin) Deep Pink, Needle Point Type, on	15.00
30C244	Geo. Vitts (Rugowski) Double, Pink	15.00
50 <b>02</b> 11	Miss Demure (Austin) White Pink Tips	4.00
30C245	Marion Koch. on	
	Pearl of California (Kingsley) La France Pink	5.00
30C250	Marolee (Carp) Jasper Pink, on	0.00
	Pearl of California (Kingsley) La France Pink	6.00

		25 Seeds
30C251	Metz (Vilmorin) Violet Purple, on Lavender Bride (Bride) Greyish Lavender	8.00
30C252	Metz, on Purple Queen (K) Deep Violet Purple, Ruffled	
$30\mathrm{C}253$	Milady Imagene (Austin) Pure White, on	
30C254	Ruby Gem (Petty) Ruby Red	
30C255	Pierrot (Fischer) Pure Pink	2.00
	Lady White (Umpleby) Creamy White	5 <b>.0</b> 0
30C257	Pearl of California (Kingsley) La France Pink	6.00
30C258	Miss Joy, on Pink Edge (Farns) White Pink Edge	5.00
50C259	Miss Joy, on	
30C260	Tritomia (Stevens) Soft Flesh Pink	
30C261	30487 Seedling, Yellow Veined, Many Open	4.00
	The Flirt (Austin) Maroon Red	10.00
30C263	Mother Machree (Stevens) Sensational Smoky, on Angels Dream (Ellis) La France Pink	20.00
30C264	Mother Machree, on Bittersweet (Baldwin) True Bittersweet Orange	15.00
30C265	Mother Machree, on	
30C266	Loella (K) Smoky Old Rose	
30C267	Rose Mulberry (Austin) Coral Pink and Violet	20.00
	Sacajawea (Pratt) Good Bronze, Reddish Tinge	20.00
30C270	Mrs. Van Konyenburg (Pfitzer) Aniline Blue, on Lilac Wonder (Hol) Light Lavender Mrs. W. B. Davis (Shelley) La France Pink, on	5.00
30C271	Mrs. W. B. Davis (Shelley) La France Pink, on Berty Snow (Mair) Soft Lilac Pink	5.00
30C274	Olivar (Errey) Violet Blue, on	
30C275	Berty Snow (Mair) Soft Lilac Pink Olivar, on	
30C277	Damascus (Stevens) Argyle Purple Olivar, on	10.00
	Metz (Vilmorin) Violet Purple	10.00
	Oneta (Kemp) Xanthine Orange, on Fay Lamphier (Williams) Coral Cerise	4.00
30C280	Oraflame (Kemp) Flame Orange, on Apricot Glow (Palmer) Clear Apricot	5.00
30C282	Orange Delight (K) Bright Orange, Laciniated, on Fiambriatus (K) Deep Cream, Laciniated	
30C283	Orange Delight, on	
30C284	Fluffy Ruffles (Brown) Chalcedony Yellow, Laciniated	6.00
	Impresario (K) Clear Lemon Yellow, Laciniated	6.00
	The Orchid (Sprague) Lavender Pink, Laciniated	6.00
30C287	Orange Dream (Gr) Burnt Orange, on Yellow Butterfly (Baldwin) Pure Yellow	5.00
30C288	Orange Smoke (Stevens) Bittersweet Orange, on Apricot Glow (Palmer) Clear Apricot	
30C289	Orange Smoke, on	
30C290	Copper Bronze (K) Coppery Bronze	
	Creatore (Bill) Rose Doree	4.00
30C291	Osalin, on	5.00

		∠o Seeds
30C292	Osalin, on	
30C293	Horace (Vilmorin) Large Scarlet	8.00
000200	Krimhilde (Pfitzer) Large Lilac Pink	6.00
30C294	Osalin, on	
2002005	Orange Smoke (Stevens) Bittersweet Orange	6.00
50C295	Pearl of California (Kingsley) La France Pink, on Cara Mia (Miller) Deep Clear Pink	4.00
30C298	Pearl of California, on	1.00
	Marion Koch (Austin) Deep Pink, Needle Point Type	6.00
30C300	Pfitzer's Triumph, Giant Scarlet, on	0.00
30C301	Amethyst (Errey) Lilac Rose	8.00
800801	Horace (Vilmorin) Large Scarlet	20.00
30C304	Pfitzer's Yellow Wonder, Big Pure Yellow, on	
200205	Golden Dream (Gr) Tall Deep Yellow	15.00
30C305	Pfitzer's Yellow Wonder, on	15.00
30C306	Loyalty (Austin) Large Fine Yellow	10.00
	Radiant Orange (Austin) Apricot Orange	10.00
30C309		4.00
30C311	Fay Lamphier (Williams) Coral Cerise	4.00
000011	James Dunlop (Mair) Orange Scarlet	5.00
30C312	Pride of Wanaka (Chris) Lavender Rose, on	
200214	Amethyst (Errey) Lilac Rose	4.00
200214	Battle Creek (K) Deep Violet	8.00
30C315	Purple Queen, on	0.00
000010	Violet Glory (K) Deep Violet, Ruffled	8.00
30C316	Pyrean (K) Soft Canary Yellow, Laciniated, on Laciniated, Seedling, Light Pink, Laciniated	6.00
30C318	Pyrean, on	0.00
	Serrata (Bill) Lilac Pink, Laciniated	6.00
30C319	Pyrean, on The Outlife (Composer) Learned at Dink Learning to d	c 00
30C320	The Orchid (Sprague) Lavender Pink, Laciniated	6.00
000020	Queen Louise (Pfitzer) Pure White, on Mrs. F. C. Hornberger (H) Pure White	8.00
30C321	Queen Mary (Kelway) White, Red Blotch, on	
200222	Etenderd (Lemoine) White, Red Blotch	6.00
300322	Mrs. Anne Krettner (Umpleby) Creamy White	5.00
30C323	D !! 1.0	
00000	The Emir (Petty) Bronze	4.00
30C325	Rev. Ewbank (Velthuys) Light Blue, on Purple Queen (K) Deep Violet Purple, Ruffled	5.00
30C326	Rosalind (K) Dark Aniline Red, Ruffled, on	
	The Flirt (Austin) Maroon Red	3.00
30C328	Rozan (Austin) Large Rose Tinted Pink, on Helen Phipps (P) La France Pink	6.00
30C332	Rozan, on	0.00
	Pearl of California (Kingsley) La France Pink	6.00
30C335	Ruby Gem (Petty) Ruby Red, on	2.00
30C343	Adair (K) Canary Yellow, Laciniated	3.00
202010	The Orchid (Sprague) Lavender Pink, Laciniated	6.00
30C344	The Aristocrat (Bill) Saffron Pink, on	
000015	Mme. Eugene Decisy (Gage) Large Congo Pink	8.00
30C345	The Emir (Petty) Bronze, on Copper Bronze (K) Coppery Bronze	4.00
30C346	The Emir, on	•
	Le Habitant (Cousins) Chamois Smoky	4.00

		25 Seeds
30C347	The Emir, on Tiger (K) Tiger like Markings	
30C349	The Orchid (Sprague) Lavender Pink, Laciniated, on  Dainty Queen (McK) Shell Pink, Laciniated	
30C350	The Orchid, on Fiambriatus (K) Deep Cream, Laciniated	
30C351	The Orchid, on Impresario (K) Clear Lemon Yellow, Laciniated	
$30\mathrm{C}354$	The Orchid, on Pyrean (K) Soft Canary Yellow, Laciniated	
30C355	Tragedie (Lemoine) Orange, Red Maroon Blotch, on Burnt Wood (Farns) Its Name Describes It	
30C357	·	
30C359	Tritomia (Stevens) Soft Flesh Pink, on Angels Dream (Ellis) La France Pink	
30C361	Tritomia, on Lady White (Umpleby) Creamy White	
30C362	Tritomia, on  Mme. Eugene Decisy (Gage) Large Congo Pink	
30C363	Tritomia, on Miss Joy (Farns) Large Pink	
30C366	Unusual (K) Rose Pink, Many Open, on Ladybird (Paton) Deep Pink, Many Open	
30C367	Unusual, on Rich and Rare (Kelway) Crimson Flaked	
30C369	Viola (Hol) White with Blue Purple Blotch, on Aida (Pfitzer) Dark Blue	
30C370	Viola, on Ali (Hol) Lavender Blue	
30C372	Viola, on Berty Snow (Mair) Soft Lilac Pink	
30C375	Viola, on The Orchid (Sprague) Lavender Pink, Laciniated	
30C376	Violet Glory (K) Deep Violet, Ruffled, on Ruby Gem (Petty) Ruby Red	4.00
30C379	Wm. G. Badger (Metz) Coral Pink, on King Pearl (Errey) White with Creamy Blotch	6.00
30C382	Yellow Butterfly (Baldwin) Pure Yellow, on Gold Eagle (Austin) Clear Early Yellow	4.00
30C384	3028 Orchid O. Delight Seedling, Pink, Laciniated, on Fluffy Ruffles (Brown) Chalcedony Yellow, Laciniated	
30C38 <b>5</b>		
30C388	3070 Aida-Ewbank Seedling, Large Blue, on Alt Wein (Pfitzer) Light Blue	8.00
30C391	3071 Orchid-Laciniated Seedling, Light Pink, Laciniated, on Aquila (K) Deep Cream, Laciniated	6.00
30C400	30487 Yellow Veined Bronze Seedling, The Emir (Petty) Bronze	4.00
30C401	30487, on	4.00
30C402	Unusual (K) Rose Pink, Many Open	6.00
30C403	Unusual (K) Rose Pink, Many Open, on 30487 Yellow Veined Bronze Seedling	6.00

### PEDIGREED HAND POLLINATED GLADIOLUS SEED OF 1930 CROSSES IN LESS THAN 25 SEED QUANTITIES

Every season we receive so many inquiries regarding crosses other than we list. It stands to reason that we do not obtain 25 or more seeds from each cross we make. Simply for the purpose of eliminating a lot of time-consuming correspondence we are listing under this heading all of the seed of crosses that we obtained this past season. We will be glad to quote quantities and prices upon inquiry. We positively have no other hand pollinated gladiolus seed than that listed here.

seed th	ian that listed here.		
30C1	A. E. Kunderd	30C61	Bridal Veil
	Pride of Wanaka		Serrata
30C6	Aflame	30C63	Bright Wings
	J. Elton Carter		Dr. John A. D. Mills
30C7	Aflame	30C66	Burnt Wood
	Rose Tint		Tragedie
30C10	Aida	30C67	Carolus Clusius
000-0	Jubilee		Toloa
30C13	Ali	30C68	Century
	Daintiness		Ivanhoe
30C14	Ali	30C69	Century
	Gertrude Pfitzer		Jubilee
30C16	Alt Wein · ·	30°C70	Chalice Flower
30010	Mary Frey		Osalin
30C17	Amethyst	30C71	Chalice Flower
0001.	Damascus		Sulphur Frills
30C18	Amethyst	30C73	Comet
00010	Mrs. Richard Lohrman		Bridal Veil
30C22	Amethyst	30C75	Coryphee
000	Viola		Cream Beauty
30C23	Angels Dream	30C78	Daintiness
000.0	Doro		Ali
30C26	Angels Dream	30C79	Daintiness
50020	Mammoth White		Badenia
30C27	Angels Dream	30C80	Daintiness
00021	Marion Koch	00000	Blue Jacket
30C29	Apricot Glow	30C81	Daintiness
00020	Catlaya	00001	Laciniated
30C32	Apricot Glow	30C82	Daintiness
00002	Radiant Orange	0000-	Mrs. Van Konyenburg
30C37	Aquila	30C85	Dainty Queen
0000.	Serrata	0000	Austinette
30C38	Austinette	30C89	Dainty Queen
00000	Lacinatus		Lacinatus
30C40	Badenia	30C91	Dainty Queen
50010	Ali	00001	Ruffolace
30C45	Badenia	30C96	Dorine
90010	Jubilee	30030	Oraflame
30C47	Badenia	0000	0 - 40
50011	Mrs. Van Konyenburg	30C97	Dorine
30C50	Badenia		The Emir
30030	Zoe	30C101	Doro
30C51	Battle Creek		Wonderful
00001	Badenia	30C104	Dr. Moody
30C52	Battle Creek	000201	Amethyst
00001	Troubadour	900107	•
30C53	Berty Snow	300107	Dr. Moody
20000	Doro		Jubilee
30C55	Berty Snow	30C108	Dr. Moody
- 0000	Jubilee		Mammoth White
30C56	Berty Snow	30C110	Dr. Nelson Shook
	Pearl of California		Fay Lamphier
30C58	Berty Snow	30C112	Emile Aubrun
	Sweet Rose		Doro

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	•		
30C113	Emile Aubrun	30C195	Krimhilde
000110	Oraflame	000100	Pierrot
30C115	Fairy Diamond	30C196	Krimhilde
900110	Dorine	300100	Tritomia
30C117	Fay Lamphier	30C198	Lacinatus
500111	James Dunlop	300100	Austinette
30C121	Fiambriatus	30C204	Laciniated
300121	Bright Wings	300204	Dainty Queen
20C122	Fiambriatus	30C207	Laciniated
500125	Lacinatus	300201	Lacinated
200126	Fluffy Ruffles	20/0200	Laciniated
50C120		300203	
20/21 20	Aquila Fluffy Ruffles	200210	Pyrean
30C128	Laciniated	50C210	Laciniated Serrata
200121	Frank J. McCoy	2002919	
20/121		50C214	La Couronne
200149	Tritomia	200215	Queen Mary (Kelway)
50C145	Heavenly Blue	30C213	Ladybird
900144	Amethyst	200217	Toloa
300144	Heavenly Blue	50C217	Lady White
000150	Badenia	900910	Frau Riska
30C152	Hinemoa	30C219	Lady Vanhorn
000150	Damascus	900990	Cream Beauty
30C153	Hinemoa	30C220	Lady Vanhorn
	J. Elton Carter		Gertrude Errey
30C158	Horace	30C222	Lady Vanhorn
	Dorine		Pearl of California
30C161	Horace	30C225	Lavender Bride
	Radiant Orange		Pride of Wanaka
30C164	Hyperian	30C237	Mahomet
	Laciniated		Mother Machree
30C165	Impresario	30C238	Mammoth White
	Bridal Veil		Miss Joy
30C167	Impresario	30C239	Mammoth White
	Golden Snapdragon		Lavender Bride
30C168	Impresario	30C242	Marion Koch
	Orange Delight		A. E. Kunderd
30C170	Impresario.	30C246	Marnia
	Sulphur Frills		Loyalty
30C173	Interlude	30C247	Marnia
	Serrata		Rose Tint
30C174	Ivanhoe	30C248	Marmora
	Geo. Vitts		Damascus
30C175	Jane Addams	30C249	Marocco
	Amethyst		Tiger
30C179	James Wm. Kelway	30C256	Miss Joy
	James Dunlop		Lady Vanhorn
30C180	James Wm. Kelway	30C262	Moorish King
	Mahomet		Pride of Wanaka
30C182	James Wm. Kelway	30C268	Mrs. F. C. Hornberger
	Pfitzer's Triumph		Imperator
30C184	Jubilee	30C269	Mrs. S. A. Errey
	Mammoth White		Pride of Wanaka
30C186	Juniata	30C272	Norma Talmadge
	Carolus Clusius	0002.2	Loyalty
30C187	Juniata	30C273	Olivar
	Coryphee	333210	Ali
30C189	Kelway's Masterpiece	30C276	
	Toloa	500210	Dr. Moody
30C190	King George V	30C278	
	Bronze Beauty	000210	Creatore
30C192	Kirchoff's New Violet	300 291	Oraflame
5101	Daintiness	000201	Pfitzer's Yellow Wonder
30C193	Kirchoff's New Violet	30C28E	Orange Delight
	Lavender Bride	000400	Serrata
	Shaor Dirac		Derrata

30C296	Pearl of California	30C339	Serrata
	Gertrude Errey		Fiambriatus
30C297	Pearl of California	30C340	Serrata
	Jubilee		Pyrean
30C299	Pfitzer's Triumph	30C341	Serrata
	Aflame		Ruffolace
30C302	Pfitzer's Triumph	30C342	Serrata
	Kelway's Masterpiece		The Orchid
30C303	Pfitzer's Triumph	30C348	The Flirt
	Marnia		Toloa
30C307	Pierrot	30C352	The Orchid
	Milady Imogene		Interlude
30C308	Pink Edge	30C353	The Orchid
	Miss Demure		Lacinatus
30C310	President Harding	30C356	Tragedie
	James Wm. Kelway		Oraflame
30C313	Purple Queen	30C360	Tritomia
	Amethyst	00001	Krimhilde
30C317	Pyrean	30C364	Troubadour
	Ruffled Gold		Mother Machree
30C324	Rev. Ewbank	30C365	Unusual
300321	Aida	800000	James Wm. Kelway
30C327		30C368	Veilchenblau
	Doro	000000	Ali
30C329		30C371	
000020	Jubilee	500511	Ave Maria
30C330		30C373	
30000	Mammoth White	000010	Heavenly Blue
30C333		30C374	
300000	Radiant Orange	000011	Kirchoff's New Violet
30C334		200277	Wm. G. Badger
300301	Bronze Beauty	300311	Angels Dream
30C336	Ruby Gem	200278	Wm. G. Badger
000000	Ajax	300313	Coryphee
200227	Ruby Gem	200220	Wonderful
900991	Milady Imogene	900990	Jane McDowell
300338	Ruby Gem	20/02/21	Wonderful
900000	Tragedie	900391	Geo. Vitts
	Trascure		Geo. VILLS

### PEDIGREED UNBLOOMED HAND POLLINATED SEEDLING BULBS OF 1929 CROSSES

Back in the days when I didn't know whether the word "Gladiolus" meant a town or a disease, my sister gave me a few bulbs, Pendleton and Richard Diener were in the lot. I planted them and when they came into bloom, how I did send for catalogs and how I did buy named varieties. Somehow or other, the second year's bloom never gave me the thrill I experienced the first time I saw the variety. And I bought and bought and bought, I discarded, gave away and then sold bulbs, but never could quite get ahold of the satisfying something I felt the flower possessed. Then I discovered that back of the introduction of every new variety there was a period of from 3 to 5 or more years that was packed as full of drama and adventure as interesting and as thrilling as any sport, with all the elements of chance and skill that are part of fishing, hunting, playing baseball, football, golf, or what have you.

It is this period of gladiolus seed and seedling growing which the average man and woman may do as easily and as successfully as the scientific plant breeder, that has made the gladiolus a world wide favorite, so many of the species of the family are still untouched and undeveloped that no one need fear the gladiolus is just a passing fancy or craze, its possibilities are still limitless. Many and many a Gladiolite is in the same boat regarding the second year's bloom; Gladiolus seed and seedling bulbs is the answer. For

many, time, space and stock are the obstacles preventing this interesting phase of gladiolus culture, and that is where we fit into the picture. We know and everyone knows that every gladiolus seed and seedling bulb will not be a world wonder, we protect our patrons on our hand pollinated seed and hand pollinated bulbs and it will be to the direct advantage of every purchaser of our seed and bulbs to let us know what results are obtained.

The pedigreed unbloomed hand pollinated seedling bulbs we are offering this year are the largest and plumpest, the best we have ever been able to offer. Practically all of our hand pollinated gladiolus seed of 1929 crosses was grown under impervious paper mulching, this method has proven itself again, more than ever, to be the best and most successful of any we have ever tried. Just as with the cloth enclosures in the production of seed, it is costly, but the cost is offset by the peppy, full of life bulbs we get and the certainty of bloom the second year.

We are devoting a great deal of space in this catalog describing our various methods of seed and seedling bulb production, but where we are effering this seed and seedling bulbs. the purchaser has a right to know just how and under what conditions this seed and seedling bulbs are produced, and we feel and know we have the right to claim, that our seed and seedling bulbs are the best that can possibly be produced.

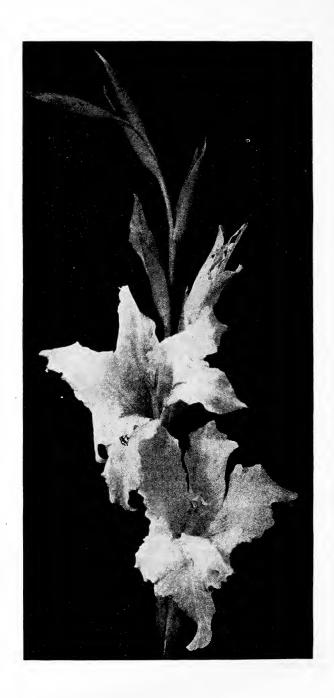
It is understood, that all originator's credit, rights and claims on any cutstanding specimens produced from our gladiolus seed and unbloomed seedling bulbs, pass on automatically to the purchaser of this seed and bulbs. We reserve no claim whatsoever on any outstanding specimens. The purchaser secures all these rights, the right to name, disposition of same, by the purchase of the seed and bulbs.

Stock is limited. Orders are filled in order of receipt. Money will be promptly returned when we cannot fill an order. Please order by number and name.

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29C1
       Adair (K) Canary Yellow, Laciniated, on
       Drama (Pfitzer) Dark Violet Purple
                3s, $1.00; 4s, $.75; 5s, $.50; 6s, $.25
29C5
       Aida (Pfitzer) Dark Blue, on
       Emile Aubrun (Lemoine) Slate Salmon
                2s, $1.50; 3s, $1.25; 4s, $1.00; 5s, $.75; 6s, $.50
29C7
       Aida, on
       Lilac Wonder (Hol) Light Lavender
                3s, $1.00; 4s, $.75; 5s, $.50; 6s, $.25
29C8
       Masterpiece (K) American Beauty Rose, Ruffled
                4s, $.75; 5s, $.50; 6s, $.25
29C10
       Aida, on
       Violet Glory (K) Deep Violet
                4s, $.75; 5s, $.50; 6s, $.25
29C11
       Arabia (H) Dark Mahogany Red, on
       Adalina Patti (Keur) Royal Purple
                6s, $.10
29C12
       Arabia, on
       Charles Dickens (Pfitzer) Radiant Purple
                4s, $.50; 5s, $.25; 6s, $.15
       Arabia, on
29C13
       Drama (Pfitzer) Dark Violet Purple
                4s, $.75; 5s, $.50; 6s, $.25
29C14
       Arabia, on
       Marocco (Pfitzer) Dark Almost Black
                2s, $1.25; 3s, $1.00; 4s, $.75; 5s, $.50; 6s, $.25
29C15
       Arabia, on
       Sovereign (Vaughan) Violet Purple
                4s, $.50; 5s, $.25; 6s, $.15
29C16
       Aquila (K) Deep Cream, Laciniated, on
       Alton (K) Finest Orange, Ruffled
                4s, $.75; 5s, $.50; 6s, $.25
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- 29C18 Aquila, on Lavender Beauty (K) Pink Lavender, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C25 Badenia, Large Blue (Still the best of its color), on Aida (Pfitzer) Dark Blue
  3s. \$1.50; 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C26 Badenia, on Ave Maria (Pfitzer) Light Blue 5s, \$.75; 6s, \$.50
- 29C27 Badenia, on Baron J. Hulot (Lemoine) Dark Violet 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C28 Badenia, on Betty Bales (Wright) Light Blue 2s, \$1.50; 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C29 Badenia, on Charles Berthier (Vilmorin) Light Lilac 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C30 Badenia, on Charles Dickens (Pfitzer) Radiant Purple 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C31 Badenia, on Duchess of York (Dames) Purple Blue 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C33 Badenia, on Jacoba Van Beyren (Heemskirk) Violet Self 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C37 Badenia, on Mr. Mark (Velthuys) Light Blue 5s, \$.75
- 29C38 Badenia, on Mrs. F. C. Peters (Fischer) Rose Lilac 5s, \$.75
- 29C39 Badenia, on Purple Glory (K) Velvety Maroon Red, Ruffled 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C40 Badenia, on Rev. Ewbank (Velthuys) Light Blue 4s. \$1.00; 5s, \$.75; 6s, \$.50
- 29C41 Badenia, on Sovereign (Vaughan) Violet Purple 5s, \$.75; 6s, \$.50
- 29C43 Berty Snow (Mair) Soft Lilac Pink, on Heavenly Blue (Pfitzer) 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C44 Berty Snow, on Kirchoff's New Violet, Rich Violet 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25
- 29C45 Berty Snow, on Lilac Wonder (Hol) Light Lavender 6s, \$.25
- 29C49 Bridal Veil (Austin) Creamy White, Heavily Ruffled, on A. B. Kunderd (K) Cream and Pink, Ruffled 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C50 Bridal Veil, on Aquila (K) Deep Cream, Laciniated 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C51 Bridal Veil, on Comet (K) Deep Golden Yellow, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C52 Bridal Veil, on Heaven!y Blue (Pfitzer) Aniline Blue 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50

- 29C54 Bridal Veil, on Laciniated, Seedling, Light Pink, Laciniated 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C55 Bridal Veil, on Orange Delight (K) Bright Orange, Laciniated 5s, \$.75; 6s, \$.50
- 29C57 Bridal Veil, on Ruffolace (Kemp) White, Ruffled and Laciniated 4s, \$1.00; 5s, \$.75
- 29C58 Bridal Veil, on Serrata (Bill) Cream, Lilac Pink, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C63 Century (Groff) Wonderful Pink Lavender, on Rozan (Austin) Rose Tinted Pink 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25
- 29C64 Century, on Lilac Wonder (Hol) Light Lavender 4s, \$.75; 5s, \$.50; 6s, \$.25
- 29C66 Century, on Orchid Lady (Spencer) Clear Orchid Lavender 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25
- 29C69 Century, on Sweet Lavender (C) Early Lavender 3s, \$.75; 4s, \$.50; 5s, \$.25; 6s, \$.15
- 29C71 Charles Dickens (Pfitzer) Radiant Purple, on Arabia (H) Dark Mahogany Red 2s, \$1.00; 3s, \$.75; 4s, \$.50; 5s, \$.25; 6s, \$.15
- 29C74 Comet (K) Deep Golden Yellow, Laciniated, on Bridal Veil (Austin) Creamy White. Heavily Ruffled 2s, \$1.50; 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C75 Comet, on Gold Elsie (Fischer) Bright Pure Yellow 5s, \$.25; 6s, \$.15
- 29C76 Comet, on Golden Frills (K) Yellow Prim, Ruffled 6s, \$.25
- 29C77 Comet, on Golden Glory (K) Rich Yellow, Ruffled 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C78 Comet, on The Orchid (Sprague) Lavender Pink, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C79 Copper Bronze (K) Striking Coppery Bronze, on Bittersweet (Baldwin) True Bittersweet Orange 4s, \$.25; 5s, \$.15; 6s, \$.10
- 4s, \$.25; 5s, \$.15; 6s, \$.10 29C81 Coronada (Briggs) Large White, Purple Lace Throat, on Ruffolace (Kemp) White, Ruffled and Laciniated 4s, \$1.00
- 29C86 Dr. Moody (Kinyon) Big Lavender, on Longfellow (Decorah) La France Pink 4s, \$.75; 5s, \$.50; 6s, \$.25
- 29C88 Dr. Moody, on Mrs. P. W. Sisson (C) Large Pink 4s, \$.50; 5s, \$.25
- 29C89 Dr. Moody, on Tempa (K) Old Rose, Ruffled 4s, \$.75; 5s, \$.50; 6s, \$.25
- 29C90 Dr. Van Fleet (K) Rose Pink, Ruffled, on Lacinatus (K) Rose Pink, Laciniated 4s. \$.75; 5s, \$.50; 6s, \$.25
- 29C91 Dr. Van Fleet, on Orange Delight (K) Bright Orange, Laciniated 4s, \$.75; 5s, \$.50; 6s, \$.25



### OUR NEW DECKLE EDGE TYPE

The edges of the petals are not fluted or ruffled as in the ruffled type, nor fringed or laciniated and hooded as in the laciniated type. Ours, is an open faced flower with the edges of the petals rough edged like the ragged edge of hand made paper—hence the name.

We wish to call especial attention to the stem, which is characteristic of the type, thin, wiry and pliable. Flowers and buds are well placed and not many on a stem, the lower segment is usually longer than the rest. For florists' fine make up work and especially with other flowers it is in a class by itself, graceful and unobtrusive. We are NOT offering bulbs of this type as yet, but are offering seed to produce the type.

The flower shown here is from a cross

The Orchid-Laciniated Seedling, on Laciniated, Seedling, Light Pink, Laciniated. 29C93 Emile Aubrun (Lemoine) Slate Salmon, on Arabia (H) Dark Mahogany Red

2s, \$1.25; 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C95 Emile Aubrun, on Marshall Foch (K) Salmon Pink, Ruffled 4s, \$.75; 5s, \$.50

29C97 Fairy Diamond (Alkemade) Clear Red, on Bittersweet (Baldwin) True Bittersweet Orange 2s, \$1.00; 3s, \$.75; 4s, \$.50; 5s, \$.25; 6s, \$.15

29C99 Fiambriatus (K) Deep Cream, Laciniated, on Alton (K) Finest Orange, Ruffled 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C101 Fiambriatus, on Crinkles (K) Deep Peach Blossom Pink, Ruffled 4s, \$.75; 5s, \$.50

29C102 Fiambriatus, on Fringes (Miller) Old Rose, Laciniated 4s, \$.75; 5s, \$.50

29C103 Fiambriatus, on Gertrude Pfitzer (Pfitzer) Light China Blue 2s, \$1.25; 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C105 Fiambriatus, on Heavenly Blue (Pfitzer) Aniline Blue 2s, \$1.50; 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C106 Fiambriatus, on Laciniated, Seedling, Light Pink, Laciniated 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C107 Fiambriatus, on Marion Koch (Austin) Deep Pink, Needle point Type 4s, \$.75; 5s, \$.50; 6s, \$.25

29C108 Fiambriatus, on Ruffolace (Kemp) White, Ruffled and Laciniated 4s, \$1.00: 5s, \$.75

29C109 Fiambriatus, on
The Orchid (Sprague) Lavender Pink, Laciniated
4s, \$1.00; 5s, \$.75

4s, \$1.00; 5s, \$.75 29C110 Frilled Felicity (Kir) Shrimp Pink, Frilled, on Fiambriatus (K) Deep Cream, Laciniated

4s, \$1.00; 5s, \$.75; 6s, \$.50

29C113 Gertrude Pfitzer (Pfitzer) Light China Blue, on Charles Dickens (Pfitzer) Bright Radiant Purple 4s, \$.75

29C115 Gold Elsie (Fischer) Bright Pure Yellow, on Gold Eagle (Austin) Early Clear Yellow 3s, \$.75; 4s, \$.50; 5s, \$.25; 6s, \$.15

29C116 Gold Eagle (Austin) Early Clear Yellow, on Gold Elsie (Fischer) Bright Pure Yellow 4s, \$.50; 5s, \$.25; 6s, \$.15

29C117 Gold Eagle, on
Pfitzer's Yellow Wonder, Fine Big Pure Yellow
4s, \$.75; 5s, \$.50

29C118 Golden Dream (Groff) Tall Deep Yellow, on Tobersun (Austin) Large Pure Yellow, Needlepoint Type 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C119 Golden Frills (K) Yellow Prim. Ruffled, on Gold Eagle (Austin) Early Clear Yellow 3s, \$.75; 4s, \$.50; 5s, \$.25; 6s, \$.15

29C120 Golden Glory (K) Rich Yellow, Ruffled, on Orange Delight (K) Bright Orange, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C121 Golden Snapdragon (K) Creamy White, A New Type, Intensely Ruffled Golden Frills (K) Yellow Prim. Ruffled 6s, \$1.00

29C122 Golden Swallow (Austin) Clear Soft Yellow, Ruffled, on Aquila (K) Deep Cream, Laciniated 4s, \$.75; 5s, \$.50; 6s, \$.25

29C123 Golden Swallow, on Orange Delight (K) Bright Orange, Laciniated 4s, \$.75; 5s, \$.50; 6s, \$.25

29C124 Glorious (K) Soft Cream, Ruffled, on Aquila (K) Deep Cream, Laciniated 5s, \$.50; 6s, \$.25

29C125 Glorious, on **Lilac Wonder** (Hol) Light Lavender 4s, \$.50; 5s, \$.25; 6s, \$.15

29C127 Golden Measure (Kelway) Straw Yellow, on Gold Eagle (Austin) Early Clear Yellow 4s, \$.50; 5s, \$.25; 6s, \$.15

29C128 Harbinger (Sanford) Burnt Orange, on Fairy Diamond (Alkemade) Clear Red 3s, \$.75; 4s, \$.50; 5s, \$.25; 6s, \$.15

29C132 Heavenly Blue (Pfitzer) Aniline Blue, on Berty Snow (Mair) Soft Lilac Pink 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C134 Heavenly Blue, on Duchess of York (Dames) Purple Blue 5s, \$.50

29C135 Heavenly Blue, on Kirchoff's New Violet, Rich Violet 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C136 Helen Howard (Austin) Golden Buff, on Golden Frills (K) Yellow Prim. Ruffled 5s, \$.25; 6s, \$.15

29C137 Hinemoa (N. Z.) Deep Pink Flaked Chocolate and Crimson, on Bengal Tiger (Pratt) Looks Just Like Its Name 4s, \$.50; 5s, \$.25

29C138 Hinemoa, on Pfitzer's Triumph, Giant Scarlet 4s, \$1.00

29C139 Honeydew (Decorah) Orange Yellow, Laciniated, on Fringes (Miller) Old Rose, Laciniated 4s, \$.75; 5s, \$.50

29C140 Honeydew, on Orange Delight (K) Bright Orange, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C141 Honeydew, on Serrata (Bill) Cream, Lilac Pink, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C142 Honeydew, on Sulphur Glow (K) Sulphur Yellow, Ruffled 5s, \$.50; 6s, \$.25

29C143 Impresario (K) Clear Lemon Yellow, Laciniated, on Avalon (K) Blush White, Heavily Ruffled 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C144 Impresario, on Bridal Veil (Austin) Creamy White, Ruffled 3s, \$1.75; 4s, \$1.50; 5s, \$1.25; 6s, \$1.00

29C146 Impresario, on Dr. Van Fleet (K) Rose Pink, Ruffled 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C147 Impresario, on Drama (Pfitzer) Dark Violet Purple 4s, \$1.00: 5s, \$.75

29C148 Impresario, on Heavenly Blue (Pfitzer) Aniline Blue 2s, \$1.50; 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50 29C149 Impresario, on Laciniated, Seedling, Light Pink, Laciniated 2s, \$1.50; 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C150 Impresario, on Serrata (Bill) Cream, Lilac Pink, Laciniated 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C151 Impresario, on The Orchid (Sprague) Lavender Pink, Laciniated 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C152 Impresario, on Troubadour (Pfitzer) Deep Violet

3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50 29C154 Interlude (K) Light Yellow, Laciniated, on Avalon (K) Blush White, Heavily Ruffled 5s, \$.25

29C155 Interlude, on

Bridal Veil (Austin) Creamy White, Ruffled

4s, \$1.00; 5s, \$.75; 6s, \$.50

29C157 Interlude, on Dr. Van Fleet (K) Rose Pink, Ruffled 5s, \$.50; 6s, \$.25

29C159 Interlude, on Gertrude Pfitzer (Pfitzer) Light China Blue 4s, \$.75

29C160 Interlude, on Honeydew (Decorah) Orange Yellow, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C161 Interlude, on King Pearl (Errey) White, Creamy Blotch 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C162 Interlude, on Laciniated, Seedling, Light Pink, Laciniated 6s, \$.50

29C163 Interlude, on Lavender Beauty (K) Pink Lavender, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C164 Interlude, on Ruffolace (Kemp) White, Ruffled and Laciniated 5s, \$.75

29C166 Interlude, on
The Orchid (Sprague) Lavender Pink, Laciniated
3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C167 Jane Addams (Decorah) Soft Phlox Pink, on Charles Berthier (Vilmorin) Light Lilac, White Blotch 4s, \$.50; 5s, \$.25

29C168 James Wm. Kelway, Deep Crimson Self, on Ensign (Errey) Large Scarlet, White Blotch 4s, \$1.00

29C169 James Wm. Kelway, on Hinemoa (N. Z.) Deep Pink Flaked Chocolate and Crimson 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C170 James Wm. Kelway, on Pfitzer's Triumph, Giant Scarlet 4s, \$1.00; 5s, \$.75

29C172 James Dunlop (Mair) Orange Scarlet, on Pfitzer's Triumph. Giant Scarlet 3s, \$1.25; 4s, \$1.00

29C173 John T. Pirie (K) Mahogany Brown, on Roi Albert (Lemoine) Coppery Salmon 4s, \$.25; 5s, \$.15

29C175 King George V (Mair) Dark Crimson, White Blotch, on Diana (Groff) Brilliant Rich Vermillion 5s, \$.50; 6s, \$.25

29C179 Kirchoff's New Violet, Rich Violet, on Charles Dickens (Pfitzer) Radiant Purple 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C181 Krimhilde (Pfitzer) Large Lilac Pink, on Arabia (H) Dark Mahogany Red 2s, \$.75; 3s, \$.50; 4s, \$.25; 5s, \$.15; 6s, \$.10

29C182 Krimhilde, on Buckeye (K) Rose Pink, Ruffled

5s, \$.15 29C183 Krimhilde, on

Catherine Coleman (C) La France Pink 3s, \$.75; 4s, \$.50; 5s, \$.25

29C185 Mrs. Van Konyenburg (Pfitzer) Matchless Aniline Blue, on Anna Eberius (D) Deep Rhodamine Purple 4s, \$.25; 5s, \$.15

29C188 Mrs. Van Konyenburg, on Charles Dickens (Pfitzer) Radiant Purple 4s, \$.50; 5s, \$.25; 6s, \$.15

29C189 Mrs. Van Konyenburg, on Jacoba Van Beyren (Heemskirk) Violet Self 3s, \$.75; 4s, \$.50; 5s, \$.25; 6s, \$.15

29C191 Mrs. Van Konyenburg, on Krimhilde (Pfitzer) Large Lilac Pink 2s, \$1.00; 3s, \$.75; 4s, \$.50

29C192 Mrs. Van Konyenburg, on Mr. Mark (Velthuys) Light Blue 3s, \$.75; 4s, \$.50

29C195 Mrs. Van Konyenburg, on The Orchid (Sprague) Lavender Pink, Laciniated 2s, \$1.25; 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C196 Lacinatus (K) Rose Pink, Laciniated, on Bittersweet (Baldwin) True Bittersweet Orange 4s, \$.50; 5s, \$.25; 6s, \$.15

29C197 Lacinatus, on Lavender Beauty (K) Pink Lavender, Laciniated 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C198 Lacinatus, on
Purple Glory (K) Velvety Maroon Red, Ruffled
3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C199 Lacinatus, on
Rosalind (K) Dark Aniline Red, Ruffled
2s, \$1.25; 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C203 Laciniated, Seedling, Light Pink, Laciniated, on Bridal Veil (Austin) Creamy White, Ruffled 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C205 Laciniated, on Dr. Van Fleet (K) Rose Pink, Ruffled 5s, \$.50; 6s, \$.25

29C206 Laciniated, on Fiambriatus (K) Deep Cream, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C207 Laciniated, on Golden Snapdragon (K) Creamy White, A New Type, Intensely Ruffled 6s, \$1.00

29C209 Laciniated, on Interlude (K) Light Yellow, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C210 Laciniated, on Pink Ruffles (Miller) Deep Pink, Ruffled 4s, \$.50; 5s, \$.25

29C211 Laciniated, on
Pyrean (K) Soft Canary Yellow, Laciniated
4s, \$1.00; 5s, \$.75; 6s, \$.50

29C212 Laciniated, on The Orchid (Sprague) Lavender Pink, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C214 Lady Vanhorn (Groff) Fine Lavender, on Mrs. P. W. Sisson (C) Large Pink 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25 29C217 Lilac Wonder (Hol) Light Lavender, on

Mrs. Van Konyenburg (Pfitzer) Matchless Aniline Blue
4s, \$.50; 5s, \$.25

29C219 Marion Koch (Austin) Deep Pink, Needlepoint Type, on Aquila (K) Deep Cream, Laciniated 5s, \$.50; 6s, \$.25

29C220 Marion Koch, on Golden Snapdragon (K) Creamy White, A New Type, Intensely Ruffled 5s, \$1.50; 6s, \$1.00

29C222 Marion Koch, on Orange Delight (K) Bright Orange, Laciniated 4s, \$.75; 5s, \$.50; 6s, \$.25

29C224 Marocco (Pfitzer) Dark Almost Black, on Arabia (H) Dark Mahogany Red 4s, \$.75; 5s, \$.50; 6s, \$.25

29C233 Mrs. Dr. Hauff (Pfitzer) Bright Scarlet, on Troubadour (Pfitzer) Deep Violet 4s, \$.50; 5s, \$.25

29C237 Orange Delight (K) Bright Orange, Laciniated, on Dr. Van Fleet (K) Rose Pink, Ruffled 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C240 Orange Delight, on Golden Glory (K) Rich Yellow, Ruffled 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C242 Orange Delight, on Lavender Beauty (K) Pink Lavender, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C243 Orange Delight, on Marion Koch (Austin) Deep Pink, Needlepoint Type 4s, \$.75; 5s, \$.50; 6s, \$.25

29C244 Orange Delight, on Salmon Plume (K) Clear Salmon Flesh, Ruffled 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C245 Orange Delight, on Sulphur Glow (K) Sulphur Yellow, Ruffled 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C246 Orchid Lady (Spencer) Clear Orchid Lavender, on Lilac Wonder (Hol) Light Lavender 3s, \$.75; 4s, \$.50; 5s, \$.25; 6s, \$.15

29C247 Paul Pfitzer (Pfitzer) Brilliant Velvety Purple, on Arabia (H) Dark Mahogany Red 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C248 Paul Pfitzer, on Duchess of York (Dames) Purple Blue 4s, \$.50; 5s, \$.25; 6s, \$.15

29C249 Paul Pfitzer, on Purple Spot (K) Large Violet Red 4s, \$.75; 5s, \$.50; 6s, \$.25

29C251 Pfitzer's Triumph, Giant Scarlet, on Chateau Thierry (Vos) Orange Cerise 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C252 Pfitzer's Triumph, on Crimson Glow (Betcher) Crimson 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C254 Pfitzer's Triumph, on Dr. Moody (Kinyon) Big Lavender 4s, \$1.25; 5s, \$1.00; 6s, \$.75

29C255 Pfitzer's Triumph, on Emile Aubrun (Lemoine) Slate Salmon 4s, \$1.50; 5s, \$1.25; 6s, \$1.00

29C256 Pfitzer's Triumph, on Ensign (Errey) Large Scarlet, White Blotch 4s, \$1.50; 5s, \$1.25; 6s, \$1.00

29C258 Pfitzer's Triumph, on James Wm. Kelway, Deep Crimson Self 4s, \$1.50; 5s, \$1.25; 6s, \$1.00

29C260 Pfitzer's Triumph, on Rose Mist (Fischer) Light Red 5s, \$.75

29C261 Pfitzer's Triumph, on Scarlet Glory (K) Rich Red, Ruffled 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C262 Pfitzer's Triumph, on Scarlet Princeps (K) Intense Scarlet 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C263 Pfitzer's Triumph, on Victor (Errey) Brilliant Scarlet, White Blotch 4s, \$1.50; 5s, \$1.25; 6s, \$1.00

29C264 Pfitzer's Yellow Wonder, Fine Big Pure Yellow, on Gold Eagle (Austin) Early Clear Yellow 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C266 Pfitzer's Yellow Wonder, on Tobersun (Austin) Large Pure Yellow, Needlepoint 4s, \$1.60; 5s, \$.75; 6s, \$.50

29C267 Pyrean (K) Soft Canary Yellow, Laciniated, on Bridal Veil (Austin) Creamy White, Ruffled 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C268 Pyrean, on Crinkles (K) Deep Peach Blossom Pink, Ruffled 5s, \$.75

29C269 Pyrean, on Serrata (Bill) Cream, Lilac Pink, Laciniated 5s, \$.75; 6s, \$.50

29C270 Pyrean, on The Orchid (Sprague) Lavender Pink, Laciniated 4s, \$1.00; 5s, \$.75; 6s, \$.50

29C273 Rosalind (K) Dark Aniline Red, Ruffled, on John T. Pirie (K) Mahogany Brown 3s. \$.50; 4s, \$.25; 5s, \$.15

29C274 Rozan (Austin) Rose Tinted Pink, on Krimhilde (Pfitzer) Lilac Pink 2s, \$1.25; 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

29C276 Rozan, on Longfellow (Decorah) La France Pink 4s, \$.75; 5s, \$.50; 6s, \$.25

29C278 Salmon Plume (K) Clear Salmon Flesh, Ruffled, on Trudle Grotz (Pfitzer) Salmon Pink 4s, \$.75

29C280 Serrata (Bill) Cream, Lilac Pink, Laciniated, on The Orchid (Sprague) Lavender Pink, Laciniated 5s, \$.75

29C285 Sovereign (Vaughan) Violet Purple, on John T. Pirie (K) Mahogany Red 5s, \$.25; 6s, \$.15

29C286 Sulphur Glow (K) Sulphur Yellow, on Lacinatus (K) Rose Pink, Laciniated 5s, \$.75; 6s, \$.50

29C288 Tempa (K) Old Rose, Ruffled, on Berty Snow (Mair) Soft Lilac Pink 4s, \$.75; 5s, \$.50; 6s, \$.25

- 29C289 The Orchid (Sprague) Lavender Pink, Laciniated, on Anna Eberius (D) Deep Rhodamine Purple 4s, \$.75; 5s, \$.50; 6s, \$.25
- 29C292 The Orchid, on Sebesta (K) Early Creamy White 2s, \$1.25; 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25
- 29C293 The Orchid, on White Lace (Kir) Beautiful White, Frilled 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C294 Tobersun (Austin) Large Pure Yellow, Needlepoint Type Golden Dream (Groff) Tall Deep Yellow 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C296 Tobersun, on Gloriana (Betscher) Salmon, Yellow Throat 5s, \$.75; 6s, \$.50
- 29C297 Troubadour (Pfitzer) Deep Violet, on Emile Aubrun (Lemoine) Slate Salmon 2s, \$1.50; 3s, \$1.25; 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C314 Veilchenblau (Pfitzer) Fine Blue, on Berty Snow (Mair) Soft Lilac Pink 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C315 Veilchenblau, on Charles Dickens (Pfitzer) Radiant Purple 4s, \$1.00; 5s, \$.75; 6s, \$.50
- 29C316 Veilchenblau, on Kasson (K) Lavender Rose Pink, Ruffled 3s, \$1.00; 4s, \$.75; 5s, \$.50; 6s, \$.25

### 1930 SELF POLLINATED GLADIOLUS SEED OF NAMED VARIETIES

We are not offering any self pollinated gladiolus seed of named varieties this year. The season was as hot and dry with us as anywhere. As these named varieties are all field grown we had to top them as they came into bloom to save the bulbs. Belated rains saved the bulbs and what seed we did get from late blooms is all placed in the Gladiolus Hybrid Mixture.

### 1930 SELF POLLINATED GLADIOLUS HYBRID SEED IN MIXTURE

All the seed of named varieties that was harvested this last year is placed into this mixture. Hand pollinated seed where the labels were lost or mixed up, that of promising seedlings and of many seedlings of other growers that we are growing for trial, everything except Prims is placed in this mixture. We haven't our usual supply and first come first served.

1	Packet	of	1000	Seeds		 .75
3	Packets	of	1000	Seeds	Each	 2.00
6	Packets	of	1000	Seeds	Each	 3.00

### 1930 SELF POLLINATED PRIMULINUS HYBRID SEED IN MIXTURE

We have none to offer this year.

## UNBLOOMED 1930 SELF POLLINATED SEEDLING BULBS OF NAMED VARIETIES

Last season we were able to offer self pollinated seed of 157 named varieties. This year we can offer only 117 varieties in the form of bulbs grown from this seed. As we have no self pollinated seed of named varieties this year, we will of course not be able to offer self pollinated bulbs next year, and if we may suggest it might be well to anticipate your wants from this list as it will be a few years before we can offer self pollinated bulbs of named varieties again. These were grown under impervious paper mulching and are fine bulbs.

Stock is limited. Orders are filled in order of receipt. Money will be promptly returned when we cannot fill an order.

Please order by Number and Name and Size.

Prices on these bulbs, unless otherwise listed, are as follows:

No. 2s \$.50 ea. No. 3s \$.25 ea. No. 4s \$.15 ea. No. 5s \$.10 ea. No. 6s \$.05 ea. Dozen at the ten rate.

SB1 SB2	A. B. Kunderd, 4-5-6 Albania, 3-4-5-6	SE57 SB58	Halley, 3-4-5-6 Harbinger, 5-6
SB3	Alice Tiplady, 3-4-5-6	SB59	Henry Ford, 5-6
SB4	Alton, 4-5-6	SB62	Ida Van, 3-4-5-6
SB5	American Beauty, 5-6	SB63	Illuminator, 4-5-6
SB6	Anna Eberius, 5-6	SB64	Impresario, 3s \$.75, 4s \$.50, 5s
SB7	Aquila, 3s \$.75, 4s \$.50, 5s \$.25.	CLIUT	\$.25, 6s \$.15
DD.	6s \$.15	SB65	J. A. Carbone, 5-6
SB8	Arabia, 5-6	SB66	Jacoba Van Beyren, 3-4-5-6
SB9	Atherton, 3-4-5-6	SB67	Jack London, 3-4-5-6
SB10	Autumn Queen, 4-5-6	SB69	Jewell 2-3-4-5-6
SB11	Avalon, 3-4-5-6	SB71	John T. Pirie, 5-6
SB12	Balboa, 4-5-6	SB72	June Delight, 3-4-5-6
SB13	Baron J. Hulot, 3-4-5-6	SB73	Kasson, 3-4-5-6
SB14	Betty Bales, 3-4-5-6	SB74	Kemps Hulot, 4-5-6
SB16	B. L. Smith, 3-4-5-6	SE75	King George V, 5-6
SB18	Blue Lily, 3-4-5-6	SB77	K's Apple Blossom, 3-4-5-6
SB19	Blushing Beauty, 4-5-6	SB78	Kunderdii Glory, 5-6
SB20	Break 'O Day, 2-3-4-5-6	SB79	Lacinatus, 3s \$.75, 4s \$.50, 5s
SB22	Butterboy, 2-3-4-5-6	22.0	\$.25, 6s \$.15
SB23	Capt. Boynton, 3-4-5-6	SB80	Laciniated, 2s \$1.00, 3s \$.75, 4s
SB24	3-4-5-6	2200	\$.50, 5s \$.25, 6s \$.15
SB26	Charles Dickens, 3-4-5-6	SB81	Lavender Beauty, 3s \$.75, 4s
SB27	Chateau Thierry, 3-4-5-6		\$.50, 5s \$.25, 6s \$.15
SB28	Comet, 4s \$.50, 5s \$.25, 6s \$.15	SB82	Le Marechal Foch, 4-5-6
SB30	Costa Rica, 3-4-5-6	SB83	Lilac Wonder, 6
SB31	Crimson Glow, 4-5-6	SB84	L'Imaculee, 3-4-5-6
SB32	Diana, 5-6	SB86	Los Angeles, 3-4-5-6
SB33	Dorothy Vernon, 3-4-5-6	SB87	Mable Irving, 5-6
SE36	Dr. Van Fleet, 3-4-5-6	SB88	Magic, 3-4-5-6
SB39	E. B. Williamson, 3-4-5-6	SE89	Maiden's Blush, 3-4-5-6
SB40	E. J. Shaylor, 3-4-5-6	SB91	Masterpiece, 4-5-6
SB41	Elizabeth Tabor, 3-4-5-6	SB92	Ming Toy, 3-4-5-6
SB42	Elora, 3-4-5-6	SB93	Mission Bells, 3-4-5-6
SB44	Fiambriatus, 4s \$.50, 5s \$.25,	SB94	Marie Kunderd, 5-6
	6s \$.15	SB97	Mr. Mark, 3-4-5-6
SB45	Genesee, 2-3-4-5-6	SB98	Mrs. Dr. Norton, 5-6
SB46	Giant Nymph, 3-4-5-6		Mona Lisa, 5-6
SB47	Glendale, 3-4-5-6		Muriel, 3-4-5-6
SB50	Gold, 5-6		Myra, 4-5-6
SB51	Gold Eagle, 5-6		1910 Rose, 3-4-5-6
SB52	Gold Elsie, 4-5-6		Onega, 5-6
$\begin{array}{c} \mathrm{SB54} \\ \mathrm{SB55} \end{array}$	Golden Glory, 4-5-6	SB107	Opalescent, 6
${ m SB56}$	Golden Measure, 4-5-6 Golden Swallow	SB108	Orange Delight, 3s \$.75, 4s \$.50,
2000	Gorden Swallow		5s \$.25, 6s \$.15

SB110 Peep O 'Day, 4-5-6	SB135 Schwaben, 4-5-6
SB111 Pendleton, 5-6	SB136 Scarlet Princeps, 4-5-6
SB113 Pink Cloud, 5-6	SB137 Scarlet Glory, 5-6
SB114 Pink Lily, 5-6	SB138 Sebesta, 3-4-5-6
SB115 Pink Wonder, 4-5-6	SB139 Serrata, 5-6
SB117 Pola Negri, 3-4-5-6	SB142 Sweet Lavender, 5-6
SB120 Purple Glory, 5-6	SB143 Sweet Rose, 4-5-6
SB121 Purple Spot, 5-6	SB144 Sulphur Glow, 4-5-6
SB124 Red Copper, 4-5-6	SB145 Tempa, 4-5-6
SB125 Rev. Ewbank, 3-4-5-6	SB146 The Orchid, 3s \$.75, 4s \$.50, 5s
SB126 Richard Diener, 5-6	\$.25, 6s \$.15
SB127 Rose Ash. 4-5-6 SB128 Rose Glory, 4-5-6 SB129 Rose Mist, 2-3-4-5-6 SB130 Rosalind, 3-4-5-6 SB132 Ruth Huntington, 5-6 SB133 Salmon Plume, 4-5-6 SB134 Santa Maria, 3-4-5-6	SB147 Thistle, 4·5·6 SB148 Thoth, 4·5·6 SB152 Violet Glory, 5·6 SB153 Violet Beauty, 5·6 SB156 White Butterfly, 3·4·5·6 SB157 Yellow Treasure, 3·4·5·6

### UNBLOOMED 1930 SELF POLLINATED GLADIOLUS HYBRID SEEDLING BULBS IN MIXTURE

If you have never grown the gladiolus from seed, then start with these unbloomed seedling bulbs. This mixture will give a pretty fair insight into one of the most fascinating and interesting phases of all flower growing. No two will be alike. These should be grown in quantity, the larger sized bulbs will give full sized flowers, the smaller sized bulbs will also bloom but the flowers will very likely not be full sized, but the color, markings and form will be apparent and you will know what you have.

No. 2	2 Bulbs	 \$1.00	per	dozen	12	dozen	 \$10.00
No. 3	Bulbs	 .75	per	dozen	12	dozen	 7.50
No. 4	Bulbs	 .50	per	dozen	12	dozen	 5.00
No. 5	Bulbs	 .25	per	dozen	12	dozen	 2.50
No. 6	Bulbs	 .15	per	dozen	12	dozen	 1.50

For a long blooming period, we would suggest a mixture of the above different size bulbs at \$5.00 per 12 dozen.

## UNBLOOMED 1930 SELF POLLINATED PRIMULINUS HYBRID SEEDLING BULBS IN MIXTURE

What was said about gladiolus hybrid seedling bulbs, is equally true of Primulinus hybrid seedling bulbs. All of the sizes listed here will bloom this coming season.

No. 4 Bulbs	\$.75 per dozen	12 dozen \$7	7.50
No. 5 Bulbs	.50 per dozen	12 dozen 5	5.00
No. 6 Bulbs	.25 per dozen	12 dozen 2	2.50

For a long blooming period, we would suggest a mixture of the above different size bulbs at \$3.50 per 12 dozen.

#### GLADIOLUS BULBS

All bulbs are No. 1 size.

One dozen at the ten rate.

Cash with order. No orders accepted for less than \$1.00.

All orders delivered prepaid.

The American Gladiolus Society cultural instructions included with each order.

All bulbs are sound, disease free, up to size and true to name.

Quite a number of varieties listed here have no price mark. These we do not wish to sell as we want to use them for hybridization purposes.

Many of the crosses we are offering this year are the results of requests and orders we have received for such crosses. If you have any crosses in mind, that you think should give the results you desire, send us the names of the varieties you wish crossed and we will make the crosses both ways, if possible. There is positively no obligation or expense for this. If we get seed from such a cross, we will communicate with you, and you can then buy the seed or leave it alone, just as you wish. If we do not sell the seed, we will grow it. You may also order self pollinated seed of any named variety under these same conditions. All requests or orders for this, must be in and on file with us by April first to enable us to plant our stock accordingly.

Adair (K) Soft Canary Yellow, Laciniated	\$3.00
Ajax, A Fine New Red from England  Albania (Kemp) One of the Best Whites	.10
Alice Tiplady (K) Orange Saffron, Prim.  Allawah (Errey) Light Violet	.10
Alton (K) Finest Orange, Ruffled	.15
Alt Wien (Pfitzer) Light Blue American Beauty (D) American Beauty Rose, One Spike a Bouquet Amethyst (Aus) Lilac Rose	.10
Angels Dream (Ellis) La France Pink Anna Eberius (D) Deep Rhodamine Purple, A Favorite	.10
Anthony B. Kunderd (K) Cream and Pink, Ruffled	
Aquila (K) Deep Cream, Laciniated	
Atherton (K) Deep Salmon Rose, Ruffled	.10
Autumn Queen (Woodruff) Dark Cream  Avalon (K) Blush White, Ruffled  Ave Maria (Pfitzer) Light Blue, Purple Blotch	
Badenia, Large Blue (Still the best of its color) Positively none for sale.  Balboa (Br) Apricot Pink	
Battle Creek (K) Deep Violet Beau Brocade (Kelway) Deep Lilac Flaked Purple Bengal Tiger (Pratt) Looks Just Like Its Name Berty Snow (Mair) Soft Lilac Pink Best All (Alkemade) Salmon Rose, Red Blotch	.10
Betty (Mair) Coral, White Throat Betty Bales (Wright) Light Blue	.25
Blue Isle (K) Lilac Blue	.25
Blue Lily (K) Light Violet Blue	.15
Blushing Beauty (K) Blush Pink, Ruffled  Break O' Day (Bill) La France Pink  Bridal Veil (Austin) Wonderful Creamy White, Heavily Ruffled  Bright Wings (Neeley) Lavender Rose  Bronze Beauty (Gage) Just What Its Name Implies  Brooklands (Kelway) Rosy Scarlet	.15 .10
Buckeye (K) Rose Pink, Ruffled	.15

Butterboy (K) Buttercup Yellow, Prim.	.10 .10
Caledonea (Mair) Salmon Pink, Dark Lines California (Kir) Deep Apricot	
Cara Mia (Miller) Clear Pink	
Canberra (Errey) Pure Yellow	
Carmelita (D) Salmon Flaked Steel Blue	40
Carmen Sylvia (Decorah) A Good White	.10
Carnival (Brown) Cream, Chocolate Veining Carolus Clusius (Velthuys) Fine Pink	
Carrick (Mair) Slaty Brown	
Capt. Boynton (Boynton) Brushed Bluish Lavender	.15
Catalina (Br) Rose Pink	.15
Catherine Coleman (Coleman) La France-pink overlaid Geranium-pink	.25
Cattleya (Pfitzer) Soft Rosy Lilac	
Cecil (Mair) Salmon Scarlet, Yellow Blotch	
Century (Groff) Wonderful Lavender Pink Chalice Flower (K) Creamy Blush White, Ruffled	
Charles Berthier (Vil) Light Lilac, White Blotch	
Charles Dickens (Pfitzer) Bright Radiant Purple	.25
Chateau Thierry (Vos) Orange Cerise	
Cologn Gold (Hol) Pure Golden Yellow	
Comet (K) Deep Golden Yellow, Laciniated	.35
Commander Koehl (Pfitzer) Dark Scarlet Red	
Copper Bronze (K) Striking Coppery Bronze	
Copper Queen (Metz) Coppery Bronze Coronada (Briggs) Wonderful White, Purple Throat, Ruffled Each	2 50
Coryphee (Pfitzer) Soft Rose Pink	2.50
Costa Rica (D) Clear Orchid, Ruffled	.15
Creatore (Bill) Salmon Pink	
Cream Beauty (Paton) Creamy White	
Crimson Glow (Betscher) Crimson	
Crinkles (K) Deep Peach Blossom Pink, Ruffled	.25
Daintiness (Errey) Mauve with Violet Blotch	
Dainty (K) White, Sulphur Yellow Throat, Laciniated Dainty Queen (McK) Shell Pink, Laciniated	
Damascus (Stevens) Argyle Purple	
David Prior (Mair) Orangy Scarlet	
Diana (Groff) Brilliant Rich Vermillion	.10
Dignity (Mair) Medium Rose	
Director (Crow) Deep Orchid, Darker Blotch	
Dorine (Kemp) Salmon Buff	
Doro (Burbank) Large Pink Dorothy Vernon (Decorah) Marguerite Yellow	.25
Dragon Lyonnaise (Pillette) Double, Salmon Pink	.20
Dr. F. E. Bennett (D) Bright Scarlet	.15
Dr. John A. D. Mills (Gage) White Edged Pink	
Dr. Moody (Kinyon) Big Lavender	
Dr. Nelson Shook (K) Deep Tyrian Rose, Ruffled	
Dr. W. Van Fleet (K) Delicate Rose Pink, Ruffled	.10
Drama (Phtzer) Dark Violet Purple  Dream (K) Salmon Red, Ruffled	15
Duchess of York (Dames) Purple Blue	
Early Sunrise (Velthuys) Salmon, Early	.25
E. B. Williamson (K) Mallow Purple, Prim.	
E. J. Shaylor (K) Deep Rose, Ruffled	.10
Eleonora Duse (L) White to Flesh, Crimson Blotch	
Elizabeth (Mair) Flesh Cream with Rose	4.5
Elora (Burbank) White Flushed Pink, Early	.10
	.10
E. M. Boase (N. Z.) White, Creamy Throat	
Emile Aubrun (L) Slate Salmon	
Ensign (Errey) Large Scarlet, White Blotch	

Etenderd (Lemoine) White, Red Blotch	
Ethel (Mair) Large White, Purple Blotch	
Eve (N. Z.) Light Yellow, Flushed Pink	
Evelyn Kirtland (Austin) La France Pink, Very Pleasing	.10
Fairy Diamond (Alk) Clear Red	
Fay Lamphier (Williams) Coral Cerise	
Fiambriatus (K) Deep Cream, Laciniated Each	1.00
Fluffy Ruffles (Brown) Chalcedony Yellow, Laciniated	
Frank J. McCoy (Briggs) Large Salmon Pink	
Frau Gertrud Pfitzer (Pfitzer) Light China Blue	
Frau Riska (Graetz) Large White	
Fringes (Lem) Old Rose, Laciniated	
Frilled Felicity (Kir) Shrimp Pink, Frilled	
Genesee (Davis) Large Yellow, Prim	.10
Geo. Vitts (Rugowski) Double, Pink, Red Throat	
Geraldine Farrar (D) Pale Lavender Violet	
Gertrude Errey (Errey) Shell Pink	
Gettysburg (Decorah) Rich Velvety Carmine	.18
Giant Nymph (Coleman) Pink and Cream, Fine	.10
Glendale (Davis) Dark American Beauty Rose	.10
Gloriana (Bet) Salmon, Yellow Throat	.20
Glorious (K) Soft Cream, Ruffled	.20
Gloxinia (Pfitzer) Creamy Yellow to Pink	
Gold (Decorah) Naphthalene Yellow	
Gold Elsie (Fischer) Pure Bright Yellow	.10
Gold Eagle (Austin) Early Clear Yellow	
Golden Anniversary (K) Fawn Yellow, Blush Pink Golden Dream (Gr) Tall Deep Yellow	
Golden Dream (Gr) Tall Deep Yellow	
Golden Frilis (K) Yellow, Prim. Ruffled Golden Glory (K) Rich Yellow, Ruffled	
Golden Glory (K) Rich Yellow, Ruffled	.20
Golden Measure (Kelway) Straw Yellow	.10
Golden Snapdragon (K) Creamy White, A New Type, Intensely Ruffled	
Golden Swallow (Austin) Clear Soft Yellow, Ruffled	.10
Goliath (Velthuys) Deep Purple	
Halley (Velthuys) Salmon Pink	.08
Harbinger (Sanford) Burnt Orange	
Hazel Shattuck (Metz) Cream Tinged Lavender Pink	
Heavenly Blue (Pfitzer) Aniline Blue Helen Howard (Austin) Golden Buff, Flushed Coral	
Helen Phipps (P) La France Pink	
Heliothrope (Lemoine) Clear Deep Violet Henry Ford (D) Immense Purple	4.0
Herada (Austin) Clear Mauve	
Highland Laddie (K) Peach Blossom Pink	
High Nye (Austin) Tall Slender Old Rose	.15
Hinemoa (New Zea) Deep Pink Flaked Chocolate and Crimson	
Honeydew (Decorah) Orange Yellow, Prim. Laciniated	.18
Horace (Vilmorin) Large Scarlet	•13
Hyperian (K) Orange Scarlet, Laciniated Each	1 =/
Ida Van (K) Deep Salmon Red	.10
Illuminator (Hinkle) Carmine Red	
Imperator (Heemskirk) Large White	.15
Impresario (K) Light Clear Lemon Yellow, Laciniated Each	3.00
Improved Martha Washington (Vaughan)	3.00
Interlude (K) Light Yellow, Laciniated Each	.7
Ivanhoe (Mair) White	•/:
J. A. Carbone (D) Orange Salmon, Striped	.20
Jack London (D) Light Salmon Vermillion Stripes	.10
Jacoba Van Beyren (Heemskerk) Violet Self Color	.19
Jak Rasquin (Graetz) Dark Red	• 1 5
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James Dunlop (Mair) Orange Scarlet	
James Wm. Kelway (Kelway) Deep Self Crimson	

Lucy Addams (Decemb) Soft Phlor Pink	
Jane Addams (Decorah) Soft Phlox Pink	
Jane McDowell (Baldwin) Large Rose Pink	.25
Jap Lady (Decorah) Bishop Purple, Extra Fine	.20
J. Elton Carter (Goodrich) Fine Coral Red	10
Jennie Lind (Decorah) Shrimp Pink, Ruffled, A Darling	.10
Jewell (Zeestraten) Light Salmon Pink, Prim	.10
John T. Pirie (K) Mahogany Brown	.15
Joy (K) Purest Flesh tinted Canary, Ruffled	.15
J. S. Wallace (Groff) Delicate Lavender	
Jubilee (Kemp) Large Vinacious Lavender	
June Delight (K) Geranium Red, Ruffled	.15
Juniata (Kemp) Pure La France Pink	
Kasson (K) Large Lavender Rose Pink, Ruffled	.15
Kelway's Masterpiece, Ruby Crimson	
King Pearl (Errey) White with Creamy Blotch	
King George V (Mair) Dark Crimson, White Blotch	.50
Kirchoff's New Violet, Rich Violet	
Kirchoff's Violet, Rich Violet Purple	
Krimhilde (Pfiltzer) Large Lilac Pink	
Kunderd's Apple Blossom (K) Apple Blossom, Ruffled	.15
Kunderdii Glory (K) Creamy Apricot, Ruffled	.10
Lacinatus (K) Rose Pink, Laciniated	.10
La Comete (Hol) Blue, White Blotch	
La Couronne (Lemoine) Cream, Red Blotch	
Ladybird (Paton) Deep Pink, Many Open	
Lady Esther (C) Self Cream	
Lady Van Horn (Groff) Large Lavender  Lady White (Umpleby) Creamy White	
Langport Scarlet (Kelway) Self Scarlet	
La Paloma (Duis) Bright Vivid Orange	
Lavender Beauty (K) Pink Lavender, Laciniated	.50
Lavender Bride (Bride) Grayish Lavender	
Leander (Errey) Orange Salmon	
Le Habitant (Cousins) Chamois Smoky	
Libelle (Pfitzer) Heliotrope Blue	
Lilac Glory (K) Soft Lilac Rose Pink, Ruffled	.25
Lilac Wonder (Hol) Light Lavender	
Lila Rose (Errey) Lilac Rose Pink	
Lily of Gold (K) Rich Canary Yellow, Ruffled	
Locarno (Hutt) Dark Rich Purple	
Loella (K) Smoky Old Rose	
Lois Marie (N. Z.) White Suffused Lavender Pink	
Longfellow (Decorah) La France Pink	.25
Los Angeles (Houdeschell) Shrimp Pink, The Cut and Come Again	
Gladiolus	.10
Louise (Wright) Lavender	.15
Louis Hemon (Lemoine) Yellow and Orange Red, Great Novelty	
Loyalty (Austin) Large Fine Yellow	
L'Unique (Alk) Attractive Clean Red	
Mable (Mair) Milk White, Flaked with Lilac	
Mable Irving (Br) Rosy Salmon	.15
Maiden's Blush (Gruellmans) Flesh Pink, Prim.	.10
Magic (K) Lavender Blue, Fine	.10
Mahomet (Stevens) Black Red	.,,
Mammoth White (U. B. Co.) Large White	
Marie Kunderd (K) Delicate White, Early, Ruffled	.25
Marioland (N. Z.) Old Rose Smoky	3
Marion Koch (Austin) Deep Pink, Needlepoint Type	
Marmora (Errey) Lavender Grey	
Marnia (Kemp) Grenadine Orange	
Marocco (Pfitzer) Dark Almost Black	
Marolee (Carp) Jasper Pink	
Marshall Foch (K) Salmon Pink, Ruffled	.25

Mary Fennel (K) Light Lavender	.10
Mary Jane (K) Pink with Lavender Sheen	4.0
Mary Pickford (K) Flower and Buds and Spike Delicate Creamy White	.10
Masterpiece (K) American Beauty Rose, Ruffled	.15
Milady Imagene (Austin) Pure White	
Ming Toy (K) Deep Buff, Yellow Throat, Prim	.10
Minuet (Coleman) Wonderful Lavender, Early	
Miss China (Metz) Elegant Light Blue	
Miss Demure (Austin) White, Pink Tips	
Miss Joy (Farns) Fine Large Pink Miss Universe (K) Bright Red Tyrian Rose	
Mission Bells (Br) Orange Pink	.15
Mme. Eugene Decisy (Gage) Large Congo Pink	
Mona Lisa (K) Pale Soft Rose Pink, Ruffled	.15
Monarch of the Glen (Ellis) Red Salmon, Ruffled	
Moorish King (Pfitzer) Dark Velvety Mahogany	
Mother Machree (Stevens) Sensational Smoky Mr. Mark (Velthuys) Light Blue	.10
Mr. W. H. Phipps (D) Rich Mellow Flesh Pink, Enormous Flowers	.10
Mrs. Anna Krettner (Umpleby) Creamy White	
Mrs. Dr. Hauff (Pfitzer) Bright Scarlet	
Mrs. Dr. Norton (K) Cream and Pink, One of the Most Beautiful	10
Mrs. F. C. Hornberger (H) Pure White	
Mrs. Frank Pendleton (K) Pink, Red Blotch, In Great Demand	.10
Mrs. F. C. Peters (Fischer) Rose Lilac	.10
Mrs. John R. Walsh (D) Flesh Pink, Ruffled	.25
Mrs. Kr. Prestegard (Decorah) Pure Snow White	.25
Mrs. Leo Miller (Miller) Salmon Flame to Creamy Tint	
Mrs. Leon Douglas (D) Giant Begonia Rose	.15
Mrs. Newell Vanderbilt (D) Light Salmon Pink, Ruffled	
Mrs. Ray P. Chase (Dr. Miller) A Fine New Pure White Each 1	0.00
Mrs. P. W. Sisson (C) Large Pink	.25
Mrs. Richard Lohman (D) Shell Pink Mrs. S. A. Errey (Errey) Orange, Orange Crimson Blotch	
Mrs. T. Rattray (Rattray) Rose Pink	
Mrs. W. B. Davis (Shelley) La France Pink	
Mrs. W. F. Olmstead (Kir) Tall Yellow	
Mrs. Van Konyenburg (Pfitzer) Matchless Aniline Blue	.50
Muriel (Pfitzer) True Lilac	.10
Nixie (D) Jasper Pink Norma Talmadge (Decorah) Clear Sulphur Yellow, Ruffled	0.5
Olivar (Errey) Violet Blue	.35
Onega (K) Deep Lavender Rose, Ruffled	.20
Oneta (Kemp) Xanthine Orange	0
Opalescent (Bill) Pale Rose Lavender	.10
Oraflame (Kemp) Flame Orange	
Orange Delight (K) Bright Orange, Laciniated Each	1.50
Orange Dream (Groff) Burnt Orange Orange Queen (Pfitzer) Copper Orange, Prim.	00
Orange Smoke (Stevens) Bittersweet Orange	.20
Orange Wonder (Kemp) Self Orange	
Orchid Lady (Spencer) Clear Orchid Lavender	
Osalin (Salbach) Coral Pink	
Pallas (Aus) White to Pale Lavender	
Paul Cambon (Lemoine) Coppery Red Paul Pfitzer (Pfitzer) Brilliant Velvety Purple	
Pearl of California (Kingsley) La France Pink	
Peep O' Day (K) Blushed Pink on White, Ruffled	.25
Pfitzer's Triumph, Giant Scarlet	-20
Pfitzer's Yellow Wonder, Fine Big Pure Yellow	
The Dig I die Tellow	

Pierrot (Fischer) Pure Pink	
Pink Cloud (K) Soft Rose Pink, Ruffled	.25
Pink Edge (Farns) White Pink Edge	
Pink Fringe (Lem) Daybreak Pink. Laciniated	
Pink Lily (K) Rose Pink, Ruffled	.15
Pinkie (Davis) Soft Pink	.10
Pink Ruffles (Miller) Deep Pink, Ruffled	
Pink Wonder (Kemp) La France Pink, Large Flowers	.10
Point Twain (Ellis) Large Pink	• 10
Pola Negri (D) Apricot, Ruffled, Lovely	.25
Pola Negri (D) Apricot, Runieu, Lovery	.23
President Harding (White) Soft American Beauty	
Pride of Wanaka (Chris) Lavender Rose	4.5
Purple Glory (K) Velvety Maroon Red, Ruffled. A Winner	.15
Purple Queen (K) Violet Purple	4 -
Purple Spot (K) Large Violet Red	.15
Purple Victory (Gilroy) Deep Purple	
Pyrean (K) Soft Canary Yellow, Laciniated Each	.75
Queen Louise (Pfitzer) Pure White	
Queen Mary (Mair) Creamy, Edged Rose Pink	
Queen Mary (Kelway) White, Red Blotch	
Queen of Somerset (Kelway) Pure White	
Queen of the Night (D) Deep Maroon	.25
Queen of the Reds (Tenant) Crimson	
Radiant Orange (Austin) Apricot Orange	
Rags (Davis) Light Yellow, Spidery-like Petals	
Red Copper (K) Deep Salmon Rose Flaked Blue	.10
Reflection (Goodrich) Grenadine Pink	
Rev. Ewbank (Velthuys) Light Blue. Fine	.10
Rich and Rare (Kelway) Crimson Splashed Deep Purple	
Richard Diener (D) Pale Geranium Pink. One of the Very Best	.15
Rita Beck (Fischer) Light Pink	
Roi Albert (L) Coppery Salmon and Crushed Strawberry	
Rosalind (K) Dark Aniline Red, Ruffled	.25
Rose 1910 (K) Rose Pink. Very Early	.10
Rose Ash (D) Ashes of Roses	.10
Rose Fringe (Miller) Rose Pink, Ruffled and Fringed	
Rose Giory (K) Rose Pink, Ruffled	.15
Rosemary (Bales) White, Lavender Rose Hairlines	
Rose Mist (Fischer) Light Red	.15
Rose Mulberry (Austin) Coral Pink and Violet	
Rose Tint (Neeley) Smoky Rose	
Rozan (Austin) Large Rose Tinted Pink	
Ruby (Kir) Ruby Red	
Ruby Gem (Petty) Ruby Red	
Ruffled America (K) American Beauty Rose, Ruffled	.10
Ruffled Beauty (K) American Beauty Violet, Ruffled	.25
Ruffled Gold (Goodrich) Golden Yellow, Ruffled	.23
Ruffled Splendor (K) Deep Salmon Rose Pink, Ruffled	
Kumied Spiendor (K) Deep Sainon Rose I ma, Runied	
Ruffolace (Kemp) White, Ruffled and Laciniated Ruth Huntington (K) Violet Lilac, Ruffled	.25
Ruth Huntington (K) Violet Linac, Ruthed	
Salmon Plume (K) Clear Salmon Flesh, Ruffled	.25
Santa Barbara (Briggs) Cream Tinted Pink	4.5
Santa Maria (Br) Scarlet Prim.	.15
Scarlet Glory (K) Rich Red, Distinct Shade, Ruffled	.25
Scarlet Princeps (K) Intense Scarlet	.10
Schwaben (Pfitzer) Sulphur Yellow	.10
Sebesta (K) Creamy White, Very Early	.05
Senorita (Langlois) Nearly Brown	
Serrata (Bill) Cream Suffused Lilac Pink, Laciniated	.50
Snow Glory (K) White, Purple Throat, Ruffled	.25
Sovereign (Vaughan) Violet Purple	.25
Star Lily (K) Sulphur Yellow, Ruffled	
Sulphur Glow (K) Sulphur Yellow, Ruffled	.25

Sweetheart (Alkemade) Rose, Shadded Silver Rose Sweet Lavender (Coleman) Lavender, Early Sweet Rose (K) Purest Deep Rose Pink Tempa (K) Old Rose, Ruffled The Aristocrat (Bill) Saffron Pink The Emir (Petty) Bronze The Flint (Austin) Mayoon Red	.10 .20 .20
The Flirt (Austin) Maroon Red The Orchid (Sprague) Lavender Pink, Laciniated Thistle (K) Rose Red, Large, Ruffled Tiger (K) Looks Like Its Name Tinamba (Errey) Pink Flaked Salmon Rose Tobersun (Austin) Large Pure Yellow, Needlepoint Type Toloa (Gage) Yellow Overlaid Grenadine Pink Tragedie (Lemoine) Orange Red, Maroon Blotch Tritomia (Stevens) Soft Flesh Pink	.35 .20
Troubadour (Pfitzer) Deep Violet Trudle Grotz (Pfitzer) Large Salmon Pink Tsarine (Vilmorin) Rosy Lilac, Rose Blotch Two Tint (Chlidsii) White and Pink Tycko Zang (Austin) Salmon Pink Unusual (K) Rose Pink, Many Open Veilchenblau (Pfitzer) Blue, Fine. Veiled Brilliance (Austin) Bright Pink Tinted Grayish Blue	
Viola (Hol) White with Blue Purple Blotch Viola Bird (Umpleby) Miniature Violet Victor (Errey) Brilliant Scarlet, White Blotch	
Violet Beauty (K) Tall Cerise Violet	.15
Waneta (K) Rose Pink, Delicately Colored	.15 .10
Willis E. Fryer (K) Tall Purple	
Yellow Treasure (Austin) Rich Clear Yellow	.10

### **MIXTURES**

### MISCELLANEOUS BULBS

In offering these summer flowering bulbs we have in mind bulbs that are handled exactly like the gladiolus, that is, planted in the spring and taken up in the fall and stored like the gladiolus over winter. All except the Montbretias should be planted only after the ground is nicely warmed up. Montbretias may be planted as soon as heavy frosts are over.

#### **ZEPHYRANTHUS**

Zephyr flower or Fairy Lily. Beautiful dwarf bulbous plants with large star shaped flowers. Handle like the gladiolus.

Rosea, Beautiful clear Rose Pink, very handsome and pretty

15c each, \$1.50 per dozen. Candida, Pure white and a profuse bloomer.

10c each, \$1.00 per dozen, prepaid.

### **MONTBRETIAS**

These are very pretty bright-colored summer-flowering bulbous plants, the flowers bloom out to the tips just like the gladiolus, they are gay and very attractive in the garden in late summer and fall and are invaluable for cutting, thin wiry graceful spikes 8 to 18 inches long, each bearing 18 to 30 showy star shaped flowers. Very artistic and beautiful. Handle like the gladiolus.

10 cents each; \$1.00 per dozen; \$7.50 per hundred, prepaid.

#### HYACINTHUS CANDICANS

The summer-flowering Hyacinth, a luxuriant-growing bulbous plant that looks like a Pandanus spreading 2 to 3 feet before the flower spike appears. this is 3 to 5 feet high bearing 20 to 30 waxy white bell shaped flowers. If planted in the center of a bed of gladiolus or other flowers, the effect is magnificent. Handle like the gladiolus.

15 cents each; \$1.50 per dozen; \$12.00 per hundred, prepaid.

#### TIGRIDIA

Tiger or Shell Flower. Extremely striking and handsome summer-flowering bulbs, growing about 1 to 2 feet high, producing large, gorgeous flowers in shades of yellow, orange and red, exquisitely spotted in the center, flowering very freely throughout the summer. Handle like the gladiolus.

15 cents each; \$1.50 per dozen; \$12.00 per hundred, prepaid.

ARTHUR C. KOERNER
Gladiolus Seed and Bulb Grower
FIVE OAKS FARM, NEWPORT, MINNESOTA

### THE AMERICAN GLADIOLUS SOCIETY

If you are a gladiolus lover and do not belong to the American Gladiolus Society or to your own State Society you certainly are not getting all the enjoyment out of the flower that you could and should and would get if you were a member. It only costs \$2.00 a year and the Society publishes a gladiolus magazine that is a dandy and you get a copy every month as long as your dues are paid up.

Really, its the only way to know what's what and who's who and who the reliable growers are, for practically all of them advertise in the magazine

and will be glad to send you their catalogs and lists.

We are offering \$1.00 worth of bulbs, your choice, from this catalog up to April first, if you will cut out this coupon, mail the application and \$2.00 to

### ROSCOE HUFF, Secretary American Gladiolus Society Goshen, Indiana

This is for bonafide new members only. No renewals or transfers.

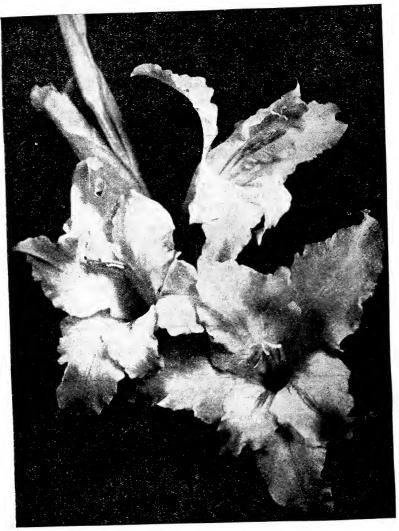
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Kindly mail the lower, good for \$1.00, coupon to us with the order for whatever bulbs you may want from this catalog. Do this at the same time you are sending in your membership.

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#### MINNESOTA GLADIOLUS SOCIETY

The above applies for new memberships in our State Society, which is affiliated with the A. G. S. In such case, send the application and \$2.00 to Secretary Wm. H. Boyle, 799 So. Smith Ave., St. Paul, and he will attend to the membership card and magazine for you.



OUR NEW DECKLE EDGE TYPE

ARTHUR C. KOERNER

Gladiolus Seed and Bulb Grower

FIVE OAKS FARM, NEWPORT, MINNESOTA